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# DRUG & CHEMICAL MARKETS

Established 1914

A Weekly Business Paper and Prices Current on  
Chemicals, Drugs, Colors, and Aromatics

VOL. XVII

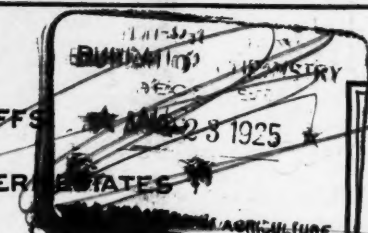
NEW YORK, AUGUST 19, 1925

No. 8

DYESTUFFS

INTERMEDIATES

PHARMACEUTICALS



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THE CALCO CHEMICAL COMPANY  
Bound Brook N.J.

New York Boston Philadelphia Chicago



**In This Issue** { *Who Pays the Dye Bribery Bills?*  
*Is the German Dye Cartel Dead?*

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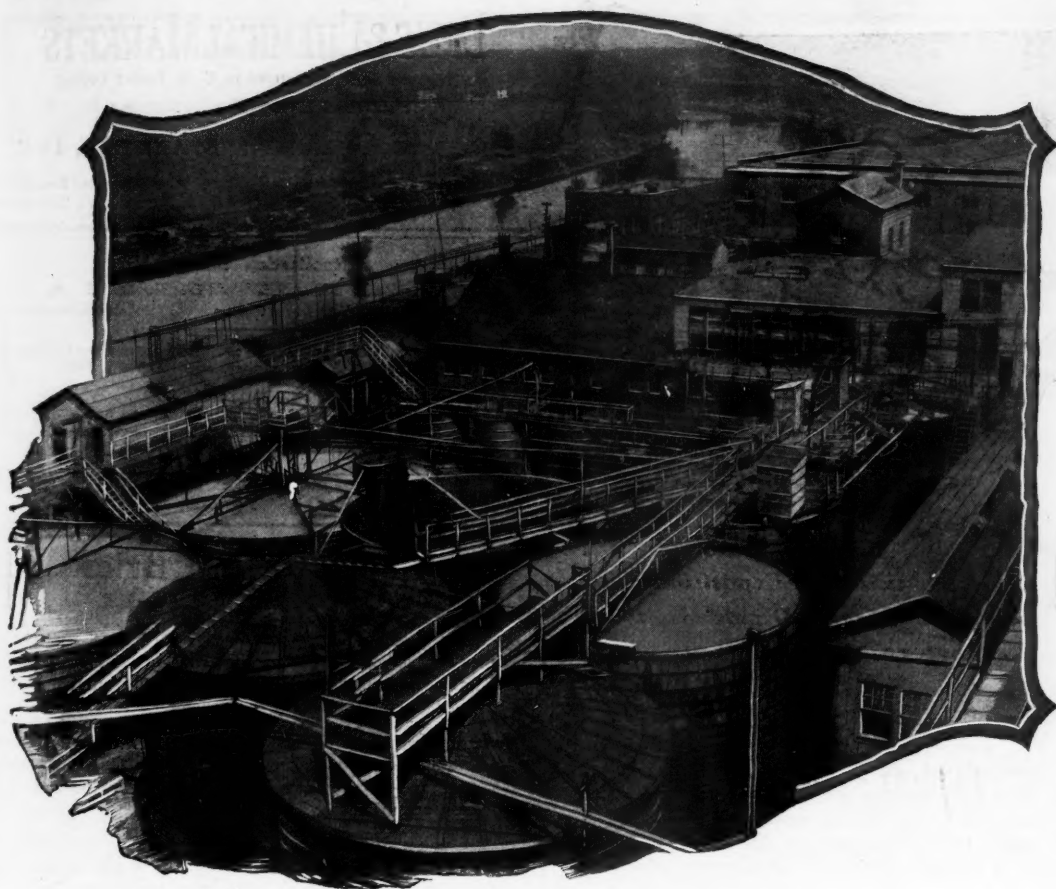
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of CHEMICAL INDUSTRIES  
GRAND CENTRAL PALACE**

*at New York  
Sept. 28 to Oct. 3*

## DRUG & CHEMICAL MARKETS

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VOL. XVII

No. 8

## The Week in Brief

### News

Dyestuffs sales, not only of colors, but also of soaps, finishes and sizes, paid for in the terms of common bribery, are said to be increasing. The cause is attributed to overproduction and the consequent keen competition.

Antimony supplies from China have reached Antwerp, Belgium, and lower prices for the oxide and other compounds are expected to follow the next shipments, but prices remain firm at present.

A new dye standard list has been issued by the Customs Divisions of the Treasury Department to aid in assessing the specific duty of 7 cents per pound on imported products.

Japanese prices for pyrethrum are sagging owing to the large crop.

Hoshi Co., Tokyo, recently cut its payroll in half by dismissing 1,000 workers owing to the depression in the Japanese chemical industry.

### Markets

Heavy chemical prices maintained owing to an increased demand. Zinc carbonate higher. Arsenic weakens further. Copper sulfate remains firm. Formic acid weak.

Benzene situation slightly easier owing to break in gasoline market. Toluene slightly tighter. Other light oils steady. Cresylic acid lower. Pyridine firm. Intermediates in mixed condition although the demand has improved.

Vegetable oils steady. Linseed oil higher. Chinawood oil quiet. Rapeseed oil firm. Animal oils and fats continue to sell at high prices. Fish oils remain active at recent reductions.

The market for fine chemicals shows a firmer tone although little in the way of new business has yet appeared. One or two items are lower. Thymol is higher, quicksilver and guaiacol liquid lower.

Trading in the crude drug market continues normal with few new developments of significance. Promise is held out for fall trading and fair business is reported now.



## Announcing a New Method of Producing Bleach Liquors

**WHEN** our technical staff first attacked the problem of absorbing Liquid Chlorine to produce bleach liquors, there was available only the old fashioned tower system. We first suggested the desirability of using the refrigerative effect caused by the vaporization of the liquid by means of our evaporating coil now in successful use in more than a score of paper mills and several large textile mills.

The development announced herewith has been brought about by our knowledge of the need for a method allowing more rapid absorption and more flexible utilization of existing bleach house equipment. This new chlorine absorber has the following advantages:

**Simplicity** in construction and operation are secured by the fact that the vaporization of the Liquid Chlorine and its subsequent absorption by the milk of lime solution is entirely effected within the chlorine absorber. In connection with the unit batch system, with the ton container as the base for the desired batch, it furnishes foolproof operation with any grade of operating labor.

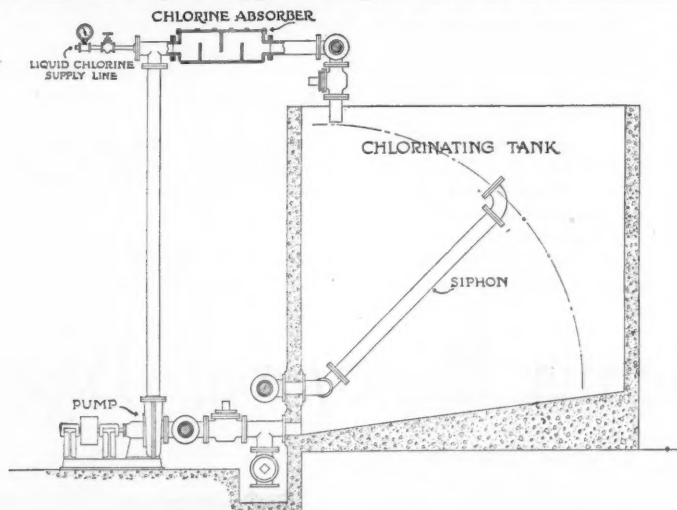
**Refrigerative Effect** of vaporization is utilized even to better advantage than with the coil since it is localized just where the heat of reaction of the combination is momentarily concentrated.

**Rapidity of Absorption** is such that chlorination can proceed at the rate of 2,000 pounds of Chlorine per hour or better. The advantage of this speed for large operations is clear.

**Flexibility** is greater than any other system in that a single "chlorine absorber" can be used to successively chlorinate any number of tanks.

**Accurate control** of the liquor, when the unit batch system is not used, is assured by the fact that liquor is available for testing at the exact point of chlorination.

Developments such as this, in the manufacture, transportation and use of this highly technical product, accrue primarily to the benefit of our customers. Because consumers appreciate this fact, the Mathieson Company is today the largest shipper of Liquid Chlorine in the United States.



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Quite often chemical men ask us this question. "Can you really ship chemicals in bags?" For years they have been sending out many of their products the most expensive way — in heavy barrels, bulky drums or boxes. Large storage space, extra men in the packing room, tedious handling methods and high shipping rates have added a lot to their overhead. Strange as it may seem, they never thought it possible to ship dry chemicals in light, strong, waterproof bags.

The past year has seen many shippers adopt this simple method of cutting down shipping costs. Transportation companies are favoring bag shipments. Only recently the Interstate Commerce Commission has passed favorable rulings regarding the use of durable bags in the shipment of chemicals. BEMIS WATERPROOF BAGS everywhere are winning praise from the most influ-

ential concerns in the industry. They provide a better way for packing and shipping a score or more of chemical products.

BEMIS WATERPROOF BAGS are the result of careful technical research. They are made of best quality burlap — tough, stoutly woven and tear-proof — with a special Bemis waterproof lining cemented to the fabric. This particularly strong construction is insurance against tearing, mutilation or sifting in shipment. The contents of a BEMIS WATERPROOF BAG are also protected from dampness, moisture, or possible deterioration through contact with other agents. Their use will save you money.

Full information regarding sizes and various types of bags suited to your requirements furnished upon request.

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## Bemis Waterproof Bags

### Free Samples!

A request on your letterhead will bring samples, specifications and prices of BEMIS WATERPROOF BAGS. You are sure to find materials and sizes suited to your needs.



# DRUG & CHEMICAL MARKETS

VOL. XVII

NEW YORK, AUGUST 19, 1925

No. 8

## A PREMATURE OBITUARY

The daily press of the country has just published the obituary of the German Dye Cartel. Dead! Dead as a door nail, say the newspapers. Disorganization and financial demoralization has ruined the dye business in Germany. What sweet music to the ears of American manufacturers, if only true. But, alas, for the first six months of 1925, the imports of dyestuffs into the United States were more than twice as large as for the same period in 1924, and much of the bigger shipments came from Germany. But, if the newspapers still insist that the Cartel is dead, then it is the liveliest corpse in the industrial cemetery. Likewise, it paid eight per cent. dividends in 1924.

If the circulation of stories that the German dye business has crumbled away to nothing, is aiming eventually to show the lack of necessity for our dyestuff tariff, let the circulators reserve their efforts. Comparatively, the Dye Cartel is as strong now as it ever was before the war and is in just as good a position to regain the world dye markets if the world will let it. Who would waste time trying to lull Americans to sleep with fairy stories, unless the story tellers would profit thereby?

## WAR GASES AND DIPLOMACY

Only after the termination of the World War and subsequent negotiations between the various powers involved in the conflict, did America begin to appreciate exactly the insincerity of international diplomatic relations. For many years, the United States was the laughing stock of shrewd European statesmen in matters diplomatic. The age-old custom abroad of felicitating an individual and wishing him good health just before assassinating him, never did quite fit in with the American idea of things. A realization in American diplomatic circles of the duplicity behind many international negotiations, has very probably been chiefly responsible for the "hard-boiled" attitude of our Government in the case of Continental Europe's indebtedness.

America has been fooled, and fooled badly, by foreign statesmen in the past. Is she going to be fooled again in the proposed Geneva ban on poison gases for war use? Will she accept the expostulations of diplomats at their face value and throw away the best protective weapon available in case of attack? Not unless a group of short-

sighted pacifists overwhelm the apparent good sense of the Administration.

As has been stated in the past, both in and out of Government circles, the United States cannot agree to any kind of poison gas production ban without hamstringing several American industries. In the case of chlorine alone, the idea of stopping its production is so ridiculous as not to warrant second thought. Water for millions is made safe from disease by its use; the paper industry, the textile industry, and numerous ones of lesser importance are dependent upon it. In theory, the ideals of those in America behind the poison gas ban, may be of the highest, but they do not know what they are trying to accomplish. They cannot appreciate the utter ridiculousness of their plan from the industrial viewpoint, or the weak structure upon which international agreements of this kind are based. America has been prey of other "agreements" in former years, and cannot afford to be victimized again at Geneva.

## RIGHTS OF BRITISH DYE STOCKHOLDERS

The British Dyestuff Corporation has a just cause for complaint against the British Government in the point brought out at the general meeting of the Corporation, recently, that the Government has sold dyestuffs received from reparation sources, at a profit in direct competition with the Corporation. The formation of the Corporation was reviewed at the meeting, it being stated that shareholders subscribed with the understanding that the enterprise had the backing of the Government. The Government has been looked upon as a partner and has members on the board. The very existence of the Corporation was conceived by the Government which desired a source of unlimited supplies of gas which are indispensable to the army of today. The training of chemists in organic chemistry for use in war was another objective.

Now the silent partner apparently forgets to share with the Corporation its profits made on business that has been taken directly from the Corporation. The shareholders have received no dividends in years, and the value of their stock has declined from one pound sterling per share to 10s, 4s 6d, or 2s 6d, according to the class of stock. Partners when entering into association for trading purposes, should be animated by the paramount object of making a profit for all who are interested. But the



British Government apparently has two objects, one political and the other commercial.

American dyestuff interests will no doubt listen attentively for the answer to this complaint, since they also are anxious to learn whether or not the Government is to be relied upon to carry out its promises under changing administrations, and whether or not it is desirous of keeping the producers of the most effective weapon of defense, as well as of offense, in sound financial condition.

The pharmaceutical industry is threatened with fierce competition, not from Germany but from Brooklyn where a manufacturer has put on the market an "Easy Life Powder" quoted at only \$100.; Black Cat Ankle Dust, warranted to break all evil spells, quoted at only \$40.; a mixture known as "King Solomon's Marrow," offered at \$1,000; and love powders that will accomplish anything from making an employer grant a vacation, shorter hours or an increase of salary, to keeping out of jail the possessor of the powder known as "High John, the Conqueror." No wonder the drug business is suffering when it must meet competition like that. Medicinal products must be renamed to gain popular favor, and sales managers must learn the selling methods of the Brooklyn "doctor," who offers these voodoo powders at such ridiculously low prices considering what they accomplish.

The charge that American manufacturers of sporting powders oppose restricted game bags, and open seasons is obviously based on the popular impression that the companies make most money if the most game is killed. More ammunition might be sold during a few years onslaught upon the migratory birds, such as ducks and geese, but in time the birds would be exterminated, and the powder business killed as dead as the ducks. In reality, the powder men favor game preservation because it means the continuance of hunting activities and good business indefinitely.

France is to expand its chemical industry to meet the requirements for national defense. Resources for raw materials and the demands of the industry for products not found in France are to be studied by a National Defense Board, which will adjust conditions to the country's needs by maintaining production of war chemicals to meet defense plans. France has seen the value of chemical team work and realizes that its factories must be co-ordinated by a Government commission in order to get results. Washington papers, please copy.

Large earnings by the steel companies, a gradual improvement in the textile industry, better condition of all the crops, gains in car loadings which indicate good distribution of manufactured products, advances in the stock market, higher prices for commodities, and the firmness of money rates inspire the business world with greater confidence. The Fall outlook is brighter. Both production and trade show greater activity.

## WHO'S WHO— in the Chemical Industry

**Charles H. Dunker**, pres., Dunker & Perkins Co., Boston. Born: Dec. 2, 1877. Mar. M. Ursula Appleby, Brookline, Mass., Nov. 12, 1919. Educat.: Public school, Cooper Institute. Business: Dunker & Perkins Co., (pres.); Beaver Chem. Corp., Damascus, Va., (pres.); Perkins Soap Co., Springfield, Mass. (pres.). In dyestuff business since 1892. Was with W. F. Sykes & Co. in New York and later as their Boston mgr. Member: Engineers, Woodland Country, Laconia Country & Drysalters Clubs, Masonic & Scottish and York rites, Boston Chamber of Commerce. Hobbies: Fishing, golf.

**John E. Falkingham**, mgr., New York office, Ellis Jackson Co., Phila. Born: England, Dec. 31, 1892. Mar.: Ada V. Craig, Phila., Apr. 4, 1920. Educat.: Bacon's High School, London, England. Business: P. E. Falkingham, (mgr.) 1917-23; Ellis Jackson & Co., 1924 to date. Member Salesmen's Assn. of the Amer. Chem. Industry, N. Y. Produce Exchange, Bay-side Yacht Club.

**William Andrew Harshaw**, chmn. of Board of Directors, Harshaw, Fuller & Goodwin Co., Cleveland, O. Born: Dodgeville, Ia., Aug. 10, 1861. Mar.: Ella S. Price, Chicago, Dec. 24, 1885 (d. 1903); 2nd: Frances Pauline Lips, Springfield, Mass., Mar. 21, 1904. Educat.: Grammar school, high school, business college. Business: Meyer Bros. Drug Co., Kansas City, Mo., 1881-84; Lord Owen & Co., Chgo., 1884-89; Strong Cobb & Co., Cleveland, 1889-92; organized Cleveland Comm'l. Co., Cleveland, 1892-98; Harshaw, Fuller & Goodwin Co., Cleveland, (pres. 1898-1924; chmn. 1924-25). Trustee Cleveland Public Library, 1903-25. Member: Amer. Chem. Society, Chemists' Club, (N. Y.), Mayfield Country Club, Hunt Club, (Cleveland), Wianno Club (Cape Cod), Union Club.

**Charles Allen Loring**, secy., North American Dye Corp., Mt. Vernon, N. Y. Born, North Yarmouth, Me., June 16, 1872. Mar., Bernice Chandler Adams, Gardner, Mass., June 21, 1899. Educat.: Public schools and business college course. Business: Employed by E. L. Foss (retail druggist), Portland, Me., 1891-92; T. R. Shannon & Co. (retail druggists), Hartford, Conn., 1892-95; traveling rep., West & Jenney (wholesale druggists), 1895-98; traveling rep., Lehn & Fink, N. Y., 1898-1902; traveling rep., Powers-Weightman-Rosengarten Co., 1902-05; mgr. and director, N. Y. corporation, 1905-20; member of firm of North American Dye Corp., 1920 to date. Former Comm. of Docks, Parks & Harbors, New Rochelle, N. Y.; former mem. Bd. of Trade & Transportation, N. Y.; former mem. Merchants Assn., N. Y. Member: Drug & Chemical Club (mem. Bd. of Governors, 1910-13; treas., 1911-12). Chemists Club, N. Y. Athletic Club, Camp Fire Club of America, Hudson Park Yacht Club (New Rochelle), Mason. Hobbies: Hunting and fishing.

**Eugene A. O'Shaughnessy**, v. pres., The Rossville Co., Lawrenceburg, Ind. Born: Newport, Ky., May 9, 1894. Mar.: Florence Semrad, Chicago, Dec. 22, 1917. Educat.: Primary, high school, St. Xavier's College, Cincinnati, (A. B. 1912). Business: James Walsh & Co., Cincinnati, (purchasing agt.), 1915-17; Rossville Co., (v. pres. & sales mgr.), 1919-25. Enlisted, Dec. 11, 1917; A. E. F., 1918. Commissioned, 1918. Member: Kiwanis, Elks, Grand Conducateur, Dept. of Ind. 40 & 8, 1923. Hobbies: Tennis, art collector.

## Who Pays the Dye Bribery Bills?

### *Why Do Mill Owners and Dye Dealers Make No Efforts To Eliminate Crookedness in Dyestuff Buying*

**D**YESTUFFS sales—not only of colors, but also of soaps, finishes, sizes—that are bought and paid for in the plainest terms of common bribery are increasing. But there is one good sign in this bad situation.

What was once the subject only of whispered confidences and round-the-corner consultations has been brought into open discussion, thrust into the sunlight of publicity. Since the publication of "Dyes, Dyers, and Dealers" in "Drug & Chemical Markets" of June 3, commercial bribery has been pretty thoroughly thrashed out at two association meetings. In New England, speaking before an audience probably three-quarters of whom had first hand experience with bribery, a spokesman of the dye industry had the temerity to call a spade a spade. Leading papers in the chemical and textile fields have reported these public discussions and commented upon them editorially. This new frankness is but a step from the naming of names, supported with dates and dollars, and a wholesome dose of that kind of pitiless publicity would be a most healthful purgative.

To date, the publicity having been enlightening rather than damning, it is only amusing to those who should, in reality, be most concerned. And indeed it must be admitted that there are grounds for their feeling of security. Dye bribery is intricately interwoven with too-keen competition, a result of over-production. It is all mixed up with variable standards of dye strength. It is buried deep in the indifference of mill owners and by the entrenched position of the dyers. It is a part of trade custom. And where is the Hercules who will clean this mass of stable filth out of our dye houses?

#### Will Legislation Answer?

We are badly addicted to the belief that you can legislate evil out of this land of democracy. This too, in spite of our saddening, if not instructive experience with anti-this and anti-that laws which signally fail to accomplish their purpose. Therefore, as we might expect, a bill is now before Congress (it has passed the House) to make commercial bribery, with or without the knowledge of the employer, a crime punishable by a prison term, and to grant immunity to the informer. A similar law, in England, has produced salutary effects, due largely to the fact that the Anti-Bribery League has prosecuted cases and secured convictions. Such a law would assuredly have restraining influence in our midst, for even the most hardened sinner would not be very willing, be he a bribe-giver or bribe-taker, to put himself at the mercy of the other party to the dishonest transaction, a mercy that might very easily be strained to the informing point. The law would be more than a moral tonic, if the Commercial Standards Council, which the dye industry should remember was organized by Charles F. Abbott, then of the National Aniline & Chemical Co., and Williams Haynes, publisher of "Drug & Chemical Markets," extends its activities to the policing duties performed by its British prototype; or if the Distribution Committee, fathered by Mr. Hoover and in the charge of Mr. Filene, builds a functioning machine to carry on this work.

If the average boss dyer who takes graft from dyestuff salesmen, was, by any chance, called a thief, he would probably demand satisfaction in physical combat. Dye graft crooked? Never. The custom of years, encouraged by dyestuff dealers, and winked at by mill owners,—almost accepted practice in the sale of dyes,—how could it be considered crooked? The boss dyer must live,—his wages are small,—and the dye seller and mill owner are willing that he should live,—and be happy.

A thousand angles of the dye sales bribery problem present almost a hopeless maze. What is the solution? "Drug & Chemical Markets" invites an expression of opinion from all factors, mill owners, dyers, dye salesmen, and others who have an opinion on this live issue.—The Editors.

But let us discount at 100% any legislative cure-all. Causes must be removed before recovery is complete, so let us examine the causes contributing to dyestuffs bribery.

#### A Dealer's Inheritance

Accepting frankly the admitted fact that dye dealers are the principal bribe-givers, it is easy to see why they have this bad habit. They inherited the custom as the approved, easiest way of making sure sales from the Germans. Bitterly keen competition has fastened it on them and forced many, who cordially dislike the whole nasty business, to cultivate the bad habit. Without their so-called "vest pocket business" it is painfully apparent that most dealers would be forced out of business. Their very business life depends upon bribery. That may be a wholly rotten situation but it furnishes them with the very strongest motive—that of self-preservation—for fostering the bribery system. To look for a champion of clean business among the bribe-giving dealers is therefore, just about as wise as to expect Mr. Bryan to become a professor of biology.

Dyers can be bribed because they are not highly paid. A few of them, in big mills, receive salaries in excess of ten thousand dollars; but the average dyer in the average mill (which is, after all, a small unit totalling, however, a large aggregate) gets somewhere from eighteen hundred in the South to three or four thousand in the larger cities. Detached homes, automobiles, college educations for the children are beyond such incomes nowadays; but they are what the socio-economist calls "reasonable expectations." Hence the ever-present temptation, and the average dyer is not the type of man, by training or environment, rigorously to withstand such a temptation.

Two obvious solutions appear quite feasible. Raise the dyer's wage. Raise the standards of the dyeing craft. Here is a vicious circle, for while the demand for graduates of our excellent textile schools is in excess of the supply, the supply will not be adequate till the financial rewards, the legitimate financial rewards be it plainly understood, are great enough to bring in larger numbers of the right type of young men, ready to learn the science of dyeing in school and the art of dyeing at the vats themselves.

#### Bribery Is Accepted Practice

Dyestuff bribery could be stamped out quickly, if the mill owners so willed it. They have, however, reasons for letting well enough alone. They know they

pay for the graft paid their dyers. But their competitors are paying just about the same price. Normally their mills make a profit. Spoiled goods and seconds are a part of their cost of doing business, and the dyer has it dangerously within his power to raise to a ruinous point the percentage of spoiled goods and seconds.

As one small mill owner said recently, "If I discharge my dyer, where can I get a man as good who is not a grafter?"

As the chief chemist of one of the biggest textile organizations said "Our tonnage colors, I buy just as close as I can, but in the dyes that run only a few hundred pounds, I let the individual boss dyers at our various mills do their own buying. It literally does not pay us to be too honest, and we cannot afford to insist upon honesty."

This wicked coalition of fear and indifference among mill owners blocks the hope of thwarting bribery by chemical control. When the dyer can say, "Boss, I don't know chemistry, and analysis may say this dye is better than that; but I do know dyeing and that dye is the one I must have, if you want me to match that shade" he is pretty apt to upset all the findings of a laboratory. The owner knows that even if "this" dye is the better, the dyer can make it bad in the dye vats. Any dye salesman can tell tales of dyers who continually circumvent the work of chemists in testing dyes, and while a great co-operative dye testing laboratory, similar to the silk testing laboratory, would undoubtedly be a long step along the right road, it would not be a cure-all.

#### "Between the Devil and the Deep Sea"

Almost unanimously, American dye makers stand against bribery, although it is an easy gibe that, while they do not buy business themselves, they know that business is bought on their own colors by dealers. Like the mill owner, they are between the devil and the deep sea. If they do not sell the graft-distributing distributor, their competitor or the importers will. The multiplicity of standards promotes bribery, and the makers know it; but here too, while it must be acknowledged they have not made tangible progress towards standardization, nevertheless this situation is not in their control. The dealer is often selling mixtures and he can always buy common salt in the open market. It is certainly significant that in the big tonnage colors—indigo, sulfur black, chrome yellow, etc.—there is little margin left for bribery.

If we were not over-produced on dyes, and if there were only a few strong dye manufacturers, and if they had confidence in each other, and if the Sherman Law was off the books; then, the dye industry might be rid of bribery by refusing to sell for resale; if moreover, there were no mills who would over-buy deliberately to back-door their surplus to friends among the dealers. All of these "ifs" make the old saying, "If we had some ham, we'd have some ham and eggs, if we had some eggs" seem too simple to be a bit humorous.

#### Pitiless Publicity the Cure

Such a snarl of causes obviously cannot be unravelled by one tug at any loose end. Publicity—especially some pitiless publicity—will be helpful and moral education will prove useful in the long run. A bribery law with real teeth and the immunity clause would be a restraining influence. Better standardization and more sales by the brand in original package would be a real contribution to the cause from the dye manufacturers. Greater chemical control, through a central cooperative dye testing laboratory, would pay the textile interests

well. Much temptation would be removed if the salaries of boss dyers were raised, and money spent here would attract more men of greater education and better background into the dyeing craft. All of these remedial factors, working together, give hope of an ultimate saving of the \$5,000,000 annually estimated now being paid out in dyestuffs graft. Half of that sum spent in salaries and laboratory expenses by the textile industry would be well spent as an insurance against the whole graft bill which the mills are today paying.

#### ANTIMONY SUPPLIES REACH ANTWERP

**Reduction in Regulus, Oxide and Sulfide Expected If China Remains Quiet—Chlorates of Potash and Soda Still Scarce—Home Production of Ammonia Compounds Increasing**

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Antwerp, Belgium, Aug. 8—Chlorate of potash and chlorate of soda are still very scarce and prices have again hardened, both products having attained the new level of \$16 per 100 kilos. Supplies of antimony compounds from China have appeared again on the market. There is no reduction in prices yet, but it is likely that antimony regulus, oxide and sulfide will recede in the near future. Copper sulfate is keeping rather firm, although this should be the slackest time of the year. Works are fully booked and exports from Belgium keep at the normal level. Works are increasing their production and it is expected that for the next buying season which begins in September-October, a great impetus will be given to Belgian exports of this commodity.

The home production of ammonia and its compounds, sulfate and muriate, both by Solvay and Claude process, is steadily increasing. Owing to strikes in the iron and steel industries, the production of basic slag has been curtailed and there is a great scarcity. This has forced prices to Belgian francs 1.70 per unit in hundred kilos for total phosphoric acid content, f. o. b. Antwerp, whereas six months ago, the price was as low as francs 1.05 per unit, an increase of 65% Belgian currency having depreciated meanwhile by 10%, the net increase of basic slag is 55%.

Magnesium chloride is firm and in strong hands, as the German Syndicate is again on a strong basis. Formaldehyde 40% vol. is weak at £40 per ton. Lead compounds, including red lead, litharge and acetate are strong, as a result of the firmer tone of the London metal market. Prohibition of white lead may be enforced soon by the Belgian Government.

Nitrate of potash is active and has been freely exported at £23 per ton in double bags.

Rates of exchange: One dollar equals Belgian francs 21.65. One pound sterling equals Belgian francs 105.20.

#### SHIPPING ANTIMONY TO NEW YORK

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Aug. 19—Shipments of antimony during the first half of July from Shanghai, as reported by Assistant Trade Commissioner Smiley to the Department of Commerce, consisted of 44 tons of oxide and 23 tons of regulus to New York, and 28 tons of regulus to Seattle.

During the past week shipments of antimony metal were received in New York from Hankow, Hamburg and London. Antimony oxide, also, arrived from Hankow.

W. W. Ames, president of Atlantic Chemical Co., New York, sailed Aug. 15, on the Leviathan, for a two or three months business and pleasure trip to Europe.





# Industrial Chemical

## SECTION



### Germany's Fertilizer Output Breaks Record

**Consumption In 1924-25 Season Was 340,000 Tons Fixed Nitrogen, 370,000 Tons Phosphoric Acid, 663,756 Tons Pure Potash—Before the War the Production of Fixed Nitrogen at the Oppau Plant Was 12,000 Tons—Exports of Ammonium Sulfate and Cyanamide Increasing—Phosphoric Rock Supplies Obtained Largely From the United States—Consumption of Pure Potash in 1924-25 Was 663,756 Tons**

Artificial fertilizer consumption in Germany in the fertilizer year 1924-25 (May 1 to April 30) amounted to 340,000 tons fixed nitrogen, 370,000 tons phosphoric acid ( $P_2O_5$ ), and 663,756 tons pure potash ( $K_2O$ ), writes Trade Commissioner Wm. T. Daugherty, Berlin. This constitutes a record consumption of artificial nitrogen fertilizer, being 11.32 kilos per hectare of arable land, compared with 8.49 kilos in the previous year and 5.99 kilos in 1913-14. Phosphoric acid consumption increased by more than 100 per cent compared with 1923-24, or from 5.56 kilos to 12.32 kilos per hectare; this was, however, 31 per cent less than the 1913-14 consumption of 17.97 kilos per hectare. Potash consumption was almost a record, or 22.08 kilos per hectare, against 17.83 kilos in 1923-24, 15.90 kilos in 1913-14, but 22.22 kilos in the war year 1917-18.

#### Growth of Air-Nitrate Industry

The increase in consumption of artificial nitrogen emphasizes the growing importance of the air-fixation industry in Germany. This industry, represented before the war by one Haber-Bosch plant at Oppau and two calcium cyanamide plants at Trostberg (Bavaria) and Knapsack bei Cologne, produced around 12,000 tons fixed nitrogen in 1913. During the war, stimulated by the need for nitrogen for the manufacture of explosives (and fertilizer), the industry grew apace. The Leunawerke, the largest air-fixation plant in the world, was erected in 1917; it was built to a capacity of 200,000 tons fixed nitrogen, but the 1917-18 output of both the Oppau and the Leunawerke plants amounted to only 100,000 tons. Since the war, production has increased rapidly. While the calcium cyanamide output declined from a peak of 66,000 tons N in 1917-18 to around 50,000 tons in 1924-25, ammonium sulfate production at Oppau and at the Leunawerke rose to almost 300,000 tons in 1924-25.

Plans are now afoot to participate in the joint operation of a Norwegian air-fixation plant on the Glommsfjord. The Glommsfjord production will be mostly surplus for export and can be expected to enter into direct competition with Chilean saltpeter.

#### Ammonium Sulfate and Cyanamide Exports

In the meantime, production of ammonium sulfate by-product of coke plants has declined from a pre-war level of 110,000 tons to about 75,000 tons. This circumstance is, of course, explained by the decreased demand for coke from the German iron and steel industry.

Germany has become a considerable exporter of am-

monium sulfate and cyanamide, particularly in the last two years. Net exports of ammonium sulfate in 1924 amounted to almost 100,000 tons. Furthermore, Germany exported 7,000 tons more cyanamide in 1924 than it imported.

#### Phosphoric Acid Supplies

Previous to 1914 Germany bought large quantities of American phosphate rock, which it traded in some three or four superphosphate plants. The 1913 imports amounted to 929,560 tons, of which 45 per cent originated in the United States, 21 per cent in Algeria, and about 12 per cent in Tunis; in 1924 the total was only 271,297 tons, of which 80 per cent originated in the United States. The decline in imports of phosphate rock, however, was compensated for largely by increased imports of basic slag from Lorraine, French, Luxemburg, and Saar steel mills, which in 1924 amounted to 517,610 metric tons. The 1924 exports of basic slag by Germany were only 21,000 tons.

Another source of phosphates for German agriculture is the production by two plants of the so-called Rhenenia phosphate a war-time development which survived. It is estimated that two plants at Brunsbuttelkoog in Holstein and at Porz near Cologne are able to produce about 75,000 tons Rhenenia phosphate annually. With an increased import of basic slag, and with modest supplies from the Rhenenia phosphate plants, Germany was able to feed its soil about 71 per cent of the amount used in the last pre-war year, estimated on per hectare consumption. This is a record for postwar years and over twice the consumption in the fertilizer year 1923-24.

Germany's important potash deposits place the country in a highly favorable position in relation to this fertilizer material. Consumption of pure potash by Germany in 1924-25 was 663,756 tons, on a smaller arable surface than in 1913-14, when 557,355 tons were consumed.

Reports on business conditions to the Department of Commerce indicate substantial increases in July over a year ago in production of pig iron and steel ingots, zinc, value and area of building contracts awarded, bank clearings, postal receipts, imports and exports of merchandise, deliveries of tin, receipts of wool at Boston, loadings of freight cars and sales of leading 10c chain stores.

Robert Josephi, formerly of H. B. Berrow & Co., 15 Park Row, New York, announces that he has withdrawn from that concern and is now conducting a chemical business under his own name at the same address. H. B. Berrow & Co., are now located at 94 Pine st., New York.

A formal communication pressing for the return of German property seized by the United States during the war has been presented to Secretary Kellogg by the German Ambassador.

## The Heavy Chemical Market

Chemical Current Spot Quotations for Heavy Chemicals, see pages 506-524

### SALTPETRE AND SODIUM NITRATE UP

Potassium Chloride Advanced—Sodium Cyanide Reduced  
—Zinc Carbonate Higher—Arsenic Lower—Titanium  
Potassium Oxalate Down—Oxalic Acid Much Firmer  
—Ammonium Chloride Strong—Barium Salts Remain  
Weak—Copper Sulfate Holds Firm

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Potassium Chloride, Ref., $\frac{1}{4}$ c lb.	Sodium Nitrate, Refined, $\frac{3}{4}$ c lb.
Saltpetre, Ref., $\frac{1}{4}$ c lb.	Zinc Carbonate, $\frac{1}{4}$ c lb.
Declined	
Arsenic, $\frac{1}{4}$ c lb.	Sodium Cyanide, 2c lb.
	Titanium Pot Oxalate, 2c lb.

#### Trend of the Market

	Last Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Acetic Acid, Glacial ..lb.\$ .10	\$ .10	\$ .10	\$ .10	\$ .11	\$ .19 $\frac{1}{2}$	\$ .07
Sulfuric Acid, 66 deg. ton	14.00	14.00	14.00	14.00	65.00	20.00
Ammonium Sulfate, 100lbs.	2.75	2.75	2.75	2.45	7.50	2.65
Stiesching Powder, 100lbs.	1.90	1.90	1.90	1.90	9.50	1.50
Copper Sulfate, c/l 100lbs.	4.45	4.45	4.30	4.60	20.00	4.50
Potash, Caustic, Imp. ..lb.	.07 $\frac{3}{4}$	.07 $\frac{3}{4}$	.07 $\frac{3}{4}$	.06 $\frac{1}{2}$	.87	.08
Soda Ash, 58 p.c. ....100lbs.	1.94	1.94	1.94	1.94	3.50	.60
Caustic Soda, 76 p.c.100lbs.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate ..lb.	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.09	.65	.06 $\frac{1}{2}$
Sodium Prussiate, Imp. ..lb.	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.09 $\frac{1}{4}$	1.25	.18
Average .....	2.906	2.906	2.891	2.888	10.79	2.99

The firming up in industrial chemicals that has been going on for some weeks reached a high point during the week as large quantities of goods passed from weak hands into strong hands. Ammonium chloride continued to strengthen and a further advance would not be unlikely within the next few weeks. Oxalic acid is much firmer, due to the absorption of large quantities of low-priced imported material by large factors. Domestic makers have advanced their quotations on saltpetre, sodium nitrate and potassium chloride. Copper sulfate is firm from makers who are unwilling to accept low prices with copper at its present value. Arsenic remains demoralized and the few sales that are being made are going through at very low figures. Sodium nitrate maintains a steady course and prices are unchanged. The domestic maker has reduced prices on sodium cyanide and this has been met by a corresponding reduction by importers. Barium salts have not shown any signs of improvement and consequently consumers are wary of the market although prices at the present time are very close to bottom. Zinc carbonate has advanced and supplies are firmly held.

**Acetone**—Firm condition reported by makers who quote unchanged prices.

**Acid Formic**—Market remains in a weak condition due to spot stocks being large and to a great extent in the hands of low priced sellers.

**Acid Lactic**—Steady consuming demand reported and prices are unchanged in any quarter.

**Acid Oxalic**—Market much firmer and all low priced imported has passed into strong hands and practically nothing is available on spot under 11c lb. Domestic

makers are quoting unchanged prices of 10 $\frac{3}{4}$ c@11c lb. Demand is of large proportions.

**Alum Potash**—Prices are firm in all directions for spot and shipment at \$2.75 100 lb. Spot stocks are not large and are firmly held.

**Ammonium Chloride**—Market very strong and, while lots of white material remain available at 5 $\frac{3}{4}$ c lb, many holders are quoting 6c@6 $\frac{1}{4}$ c lb. Gray material is still quoted at 6 $\frac{1}{2}$ c@6 $\frac{3}{4}$ c lb due to weak holders being in possession of supplies.

**Arsenic**—Still lower prices were done during the week and imported material on spot is held at 3 $\frac{1}{2}$ c@3 $\frac{3}{4}$ c lb, while domestic material is offered at 4c@4 $\frac{1}{2}$ c lb. A large lot of imported material was reported sold during the week at 3 $\frac{1}{4}$ c lb.

**Barium Salts**—Recent low prices on chloride continue to be quoted and shading of shipment prices is indicated. Carbonate is weak but prices have shown no change from last week.

**Copper Sulfate**—Manufacturers remain firm at recent advance and large crystals are not obtainable under \$4.45@\$4.50 100 lb in carlots.

**Glauber's Salt**—Imported material is offered at unchanged prices and the market is weak. Domestic manufacturers are quoting firm unchanged prices on all transactions and report no excess supplies.

**Potassium Chloride**—Domestic prices advanced  $\frac{1}{4}$ c lb and quotations are now given at 5 $\frac{3}{4}$ c lb for carlots of barrels, and 5 $\frac{3}{4}$ c@5 $\frac{1}{2}$ c lb for 1 c. l.

**Potassium Prussiate**—Competition from importers holds the market on the yellow product down to 18c lb. A steady routine demand is reported.

**Saltpetre**—Domestic manufacturers have advanced their quotations  $\frac{1}{8}$ c lb on all quantities and packings and quote for double refined: in less carlots of barrels: granulated 6 $\frac{1}{4}$ c@6 $\frac{3}{4}$ c lb; powdered 7 $\frac{1}{2}$ c@7 $\frac{3}{4}$ c lb; large crystals 7 $\frac{3}{4}$ c@7 $\frac{1}{2}$ c lb. Carlots are  $\frac{1}{8}$ c lb less.

**Soda Ash**—Movement of supplies on contracts is reported to have shown no decline and the market remains firm.

**Soda Caustic**—Heavy demand reported by manufacturers who are maintaining their schedules in all transactions.

**Sodium Bichromate**—Steady consuming demand reported by manufacturers who quote firm unchanged prices.

**Sodium Cyanide**—Quotations have been cut 2c lb by the domestic maker and this has been met by importers. Domestic goods are quoted at 20c lb in drums, at works and imported prices are 2c below these figures.

**Sodium Fluoride**—Easy condition in this market and quotations remain at 8 $\frac{3}{4}$ @9c lb.

**Sodium Nitrate**—Refined material higher from makers who quote less carlots of barrels: granulated 4c@4 $\frac{1}{4}$ c lb; powdered 6c@6 $\frac{1}{4}$ c lb. Carlots are quoted at  $\frac{1}{8}$ c under these prices.

**Sodium Prussiate**—Consuming demand is heavy but

quotations are unchanged at 10½¢@10¾¢ lb for both domestic and imported material. No report on the Treasury Department investigation of the Dutch producer has as yet been issued.

**Titanium Potassium Oxalate**—Market lower and makers and importers quote 23c lb.

**Zinc Carbonate**—Firmer condition exists and nothing is obtainable under 10c lb on spot.

Sales of permissible explosives in 1924 amounted to 55,134,151 pounds of which 94.6 per cent went to coal mines and the remainder for other purposes, according to reports collected by the Bureau of Mines, Department of Commerce. This represents a 9 per cent. decline from 1923, due to reduced operation of coal mines, but is a 21 per cent. advance over 1922 and 2 per cent. over 1921, the record year previous to 1923.

The regulations for the transportation of explosives and poisons have been amended by the Interstate Commerce Commission in regard to containers and packing for poisons in order to prevent leakage of liquids and sifting of solids. The changes become effective Oct. 1. Special directions are given for packing aniline oil and hydrocyanic acid.

A final hearing on the Federal Specification Board's proposed master specification on calcium arsenate, paris green, lead arsenate and lime sulfur solution will be held at Washington, August 26. A conference of the entire insecticide industry will be held the day before, August 25, at 11 a.m., on the seventh floor of the Commerce Building, Washington.

Work on the new plant of the Lazote Co., subsidiary of the Dupont Powder Co., at Charleston, W. Va. has begun, but the plant will not be in operation for a year. About 25 tons of synthetic ammonia will be produced daily. The product will be for use in the arts. The Claude process will be used.

Lewis D. Walker, who has been associated with Sherwin-Williams Co., has joined Morris Herrmann & Co., Inc., dry color manufacturers, 200 Fifth ave., New York, as a sales manager. His experience in the paint and color chemical trade extends over twenty years.

Sir William Alexander, president of C. Tennant & Sons, London, and one of the most widely known figures in the British Chemical Industry, will arrive in the United States in about two weeks for a month's visit.

Mexican National Dynamite & Explosives Co., Dinamita, Mex., has gone into voluntary liquidation after 20 years of manufacturing. All machinery and equipment are being scrapped.

The weevil menace in the South has been relieved by natural control according to the Crop Reporting Board of the United States Department of Agriculture.

American Smelting and Refining Co., announce a ten point advance in the price of lead on Aug. 14, bringing the price up to 9.10 cents a pound.

Great Western Silica Co.'s plant at Roza, Wash., was damaged by fire recently to the extent of \$30,000. Plans for reconstruction are under way.

A. E. Brugger, director of Phosphates d'Alsace, accompanied by S. F. Kelsey, sailed Aug. 15, on the France, for a short business trip to Paris.

P. W. Meyeringh, Rotterdam, European sales agent for Hercules Powder Co., is visiting the company's headquarters at Wilmington.

# **CHEMICAL CONTRACTS AWARDED**

Louisville Cement Co., has been awarded a contract to supply lime to the U. S. Engineer at Louisville at \$12.60, discount 25c ton 10 days.

The following chemical awards have been made by the quartermaster, U.S.A., Brooklyn: 550lbs naphthalene flake to James Good, Inc., at 6¼¢ lb.; 378 bottles ammonium carbonate to City Chemical Co., Inc., at 15.8¢; 678 bottles ammonium persulfate to Powers-Weightman-Rosengarten Co., 22½¢ lb.; 600 lbs., 56% acetic acid to Powers-Weightman-Rosengarten Co., 13¢; 2,141 bot. liquid ammonia to Terminal Supply Co., at 16.8¢; 75,000 lbs. powdered washing soda to Wing & Evans at 1.65¢; and 2,000 lbs chloride of lime to Mathieson Alkali Works at 6¢.

N. J. Zinc Co., has been awarded a Post office Department contract for 300,000 lbs., zinc at 9¼¢ lb.

Wing & Evans have been awarded a contract to supply the Quartermaster, Intermediate Department Chicago, with 14,000 lbs. washing soda at 1.9¢ lb.

J. T. Baker Chemical Co., has been awarded a government contract for 406 lbs., nitric acid at 24¢ lb.

U. S. Industrial Alcohol Co., has been awarded a government contract for 90,000 lbs., ethyl alcohol at 6.95 lb.

Mallinckrodt Chemical Works has been awarded a contract to supply Rock Island Arsenal with 24,648 lbs., granular sodium carbonate in 10-lb. containers at 9¢ lb.

# **FERTILIZER COMMITTEEMEN NAMED**

The Executive Committee of the National Fertilizer Association has named district committeemen in the nine sections of the country as follows:

District No. 1 (New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut)—L. E. Britton, Lowell Fertilizer Co., Boston.

No. 2 (New York, Pennsylvania, New Jersey)—J. S. Coale, I. P. Thomas & Son Co., Philadelphia.

No. 3 (Maryland, Delaware, Virginia, north of James river)—Gustavus Ober, Jr., G. Ober & Sons Co., Baltimore.

No. 4 (North Carolina, Virginia, south of James River, including Richmond)—Charles V. Albright, Richmond Guano Co., Richmond.

No. 5 (South Carolina)—J. Ross Hanahan, Planters Fertilizer & Phosphate Co., Charleston.

No. 6 (Georgia, Florida)—A. D. Strobhar, Southern Fertilizer & Chemical Co., Savannah.

No. 7 (Alabama, Mississippi, Tennessee)—E. L. Robins, Meridian Fertilizer Factory, Meridian, Miss.

No. 8 (Arkansas, Louisiana, Texas, Oklahoma)—T. G. Sinclair, Meridian Fertilizer Factory, Shreveport, La.

No. 9 (Ohio, Indiana, Illinois, Kentucky, Missouri, Kansas, Iowa, Minnesota, Wisconsin, Michigan, California)—Wood Crady, Federal Chemical Co., Louisville.

# **NINE ASSOCIATIONS TO CO-OPERATE**

Three more organizations in the chemical and drug industries have designated members to serve on the Joint Committee which is organizing the Fourth Annual Chemical Industries banquet to be held at the Hotel Roosevelt, Oct. 1.

The additional members of the committee are: Walter Hadley, Association of Textile Chemists and Colorists, Dr. Foster Dee Snell, Society of Chemical Industry, Edwin M. Rupp, American Ceramic Society.

This brings the number of associations joining in this movement to nine, the others being the Salesmen's Association, the American Chemical Society, the Synthetic Organic Chemical Manufacturers Association, the Chemical Warfare Association, the Chemists Club and the Druachem Club.



## The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemicals pages 506-532

### DEMAND IMPROVING FOR INTERMEDIATES

**New England Textile Mills Quite Active—Additions Being Made to Mills—Prices Firm on Some Products and Weak on Others—Light Oil Distillates Unchanged—Benzene Situation Somewhat Relieved by Gasoline Break—Toluene Lighter—Pyridine Firm—Cresylic Acid Lower**

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced  
No Advances  
Declined  
Cresylic Acid 5c gal.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Benzene, pure .....gal.	\$.25	\$.25	\$.25	\$.25	\$1.10	\$.25
Naphthalene flake .....lb.	.04½	.04½	.05	.05	.16	.03
Phenol Spot .....lb.	.22	.22	.23	.25	1.50	.28
Toluene .....gal.	.26	.26	.26	.26	..	..
Aniline Oil .....lb.	.16	.16	.16	.16	1.40	.10½
Alpha-naphthylamine .....lb.	.35	.35	.35	.35	1.28	..
Benzaldehyde .....lb.	.70	.70	.70	.70	..	..
Betanaphthol .....lb.	.24	.24	.24	.26	1.50	.08
Dimethylaniline .....lb.	.32	.32	.32	.35	1.30	..
Paranitroaniline .....lb.	.57	.57	.58½	.68	1.68	.18
Average .....	0.312	0.312	0.315	0.331	..	..

Some of the upward pressure was relieved during the week in the benzene market owing to a decided break in the gasoline prices. While quotations show no change and some factors continue to name high prices, the decline in gasoline put a check on the very high prices that were being obtained in some instances for benzene for motor fuel. The weakness in gasoline should hold benzene at present prices. No decline is in sight at the present rate of production since the fuel blenders can absorb a much greater quantity than they are getting at present, although the prices paid will have to be below the present market prices for pure products. Toluene supplies are a little tighter this week, although no actual scarcity exists. Cresylic acid is being sold in some directions at sharply lower prices and the market is in a weak unsettled condition. Naphthalene is weak in resale quarters due to the season being at an end. Phenol is in small demand.

Intermediates are in a mixed state with the great majority of items firm, but competition and large stocks are causing a weak spot in some instances. Textile quarters are reported to be in a markedly better condition throughout the New England territory and additions are being made to several mills.

#### Crudes

**Benzene**—Production is being maintained at steady levels and the industrial demand, while not heavy, is equal to that of July. The recent break in the gasoline market has eased the situation somewhat although some factors still quote high prices. No weakness in the lower range of prices is apparent and present indications point to a steady market throughout the balance of the year. Quotations are given at 24c gal. for 90%, and 25c gal. for pure in tanks at mills from one distributor;

and at 26c per gal. for 90%, and 28c gal. for pure from another distributor.

**Cresylic Acid**—Sales of 97-99% pale acid on spot are reported as low as 54c gal. and the market is weak due to the large supplies in possession of the low-priced sellers. Dark acid is correspondingly weak.

**Naphthalene**—Weak situation continues and no outlet is in sight for the large stocks this season.

**Phenol**—Market is very quiet although makers are maintaining prices at recent figures.

**Pyridine**—Spot market remains firm with quotations unchanged at \$4.70 gal. and only a small demand noticed over the week. Shipment is firmer at \$4.30@4.40 gal.

**Solvent Naphtha**—Steady demand reported by distributors for all available supplies and prices are being maintained at unchanged figures in all transactions.

**Toluene**—Slightly tighter condition noticed during the past week although no real scarcity exists and fairly prompt shipments can be made. Prices are firm but show no variation in any quarter.

**Xylene**—Commercial material remains in heavy demand and supplies are scarce. Prices are unchanged from all distributors.

#### Intermediates

**Acid Cleve's**—Fair demand of routine character reported in this product although prices are being quoted at recent figures.

**Acid H**—Manufacturers remain firm on this material but report only a slight request. Stocks are of fairly large proportions.

**Alpha-Naphthylamine**—Easiness characterizes this market and inside prices are being done on small quantities owing to the sharp competition for orders.

**Aniline Oil**—No variation in price is to be found in any direction and makers report only the usual Summer decline in demand.

**Beta-Naphthol**—Dry color makers are drawing rather heavily on makers stocks but prices are no more than steady owing to the large potential production.

**Dimethyl-Aniline**—Movement of supplies is of large proportions and the market is firm at unchanged prices.

**Dinitro-Toluene**—Market is easy and lower prices of 16c@18c lb are reported as being done in some directions although large manufacturers are quoting 18c lb as a minimum.

**Nitrobenzene**—Manufacturers quote firm unchanged prices although some material has been unloaded at lower figures by a consumer.

**Ortho-Nitrotoluene**—Manufacturers have nothing to offer except on existing contracts due to the large stocks of the para salt on hand.

**Ortho-Toluidine**—Market very firm and nothing is offered except for contracts at 25c lb.

**Para-Nitroaniline**—Situation shows no change and makers continue to compete sharply for orders with 57c lb the lowest price reported.

**Para-Toluidine**—Makers continue to search for an outlet for their large stocks and the market remains in a weak condition.

## NEW DYE STANDARD LIST ISSUED

Strength of Imported Products Compared With Imports Prior to July 1, 1914

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Aug. 19.—The Treasury Department has issued supplemental dye list No. 22, also known as List A. D., giving new standards of strength of coal tar dyes for the purpose of assessing the specific duty of 7 cents per pound, which is applied in the proportion that the strength of the imported product bears to the strength of similar commercial importations prior to July 1, 1914. In the following list the standard is given first, and the identical product is indented under each standard.

No.	Class	Name of Standard	Mfr
1 AD	(V)	Alizarine Indigo Green B. 20% Paste. (By)	
		Alizarine Indigo Green B. Pastes & Powder. (By)	
2 AD	(V)	Alizarine Indigo Green G. 20% Paste. (By)	
		Alizarine Indigo Green G. Pastes & Powder. (By)	
3 AD	S. 832	Alizarine Irisol B. (By)	
	C. 1073	No identical product	
4 AD	(L)	Alizarine Violet 3 R 20% Paste. (C)	
		Alizarine Violet 3 R Pastes & Powder. (C)	
5 AD	S. 782	Anthracene Brown SW. (B)	
	C. 1035	Anthracene Brown R. (By)	
6 AD	C. 597	Benzo Chrome Brown R. (By)	
		No identical product	
7 AD	(DAS)	Ce'atine Black 20% Paste. (SD)	
		Ce'atine Black Pastes & Powder. (SD)	
8 AD	(DAS)	Ce'atine Brilliant Violet B. 20% Paste. (SD)	
		Ce'atine Brilliant Violet B. Pastes & Powder. (SD)	
9 AD	S. 899	Ciba Grey G. 20% Paste. (J)	
	C. 1220	Ciba Grey G. Pastes & Powder. (J)	
10 AD	(A)	Cloth Fast Red R. (J)	
		Cloth Fast Red R. Conc. (J)	
11 AD	C. 319	Diamine Fast Brilliant Blue R. (C)	
		Diamine Fast Brilliant Blue R. Conc. (C)	
12 AD	(D)	Diamine Fast Rose G. (C)	
		No identical product	
13 AD	S. 119	Diamine Rose BD. (C)	
	C. 128	No identical product	
14 AD	S. 327	Diamine Violet N. (C)	
	C. 394	Benzo Fast Violet NC. (By)	
		Columbia Violet R. (A)	
15 AD	(D.d)	Diazo Sky Blue B. (By)	
		No identical product	
16 AD	S. 518	Ethyl Violet. (B)	
	C. 692	No identical product	
17 AD	(V)	Grelanone Scarlet C. 25% Paste. (Gr-E)	
		Grelanone Scarlet G. Pastes & Powder. (Gr-E)	
18 AD	(V)	Hydron Yellow GG 20% Paste. (C)	
		Hydron Yellow GG Pastes & Powder. (C)	
19 AD	S. 141	Indian Yellow G. (By)	
	C. 146	Citronine AAEJ. (P)	
20 AD	(A)	Neolan Yellow G. (J)	
		No identical product	
21 AD	(D)	Pluto Black G. (By)	
		Pluto Black G. Extra. (By)	
22 AD	S. 539	Soluble Blue 4 B. (P)	
	C. 707	Blue Soluble 4 B. (P)	
		Soluble Blue 3 B. Extra Green shade. (By)	
23 AD	S. 23	Tartrazine X. (B)	
	C. 640	Tartrazine Extra Conc. (P)	
24 AD	(D)	Toluylene Yellow G. (By)	
		No identical product	
25 AD	C. 2261	Victoria Violet 4 BS. (S)	
	C. 53	Violet Azogique 4 BS Ex Conc. (P)	
26 AD	S. 220	Wool Black 6 B. (A)	
	C. 241	No identical product	
No.	Class	Name of Standard	Mfr
18	S. 534	Acid Violet 7 B. (B)	
		Acid Violet 6 B. (Gr-E)	
21	C. 788	Acridine Orange DHE. (D-H)	
		Acridine Orange Conc. (Rohner)	
28	S. 822	Algol Brilliant Orange FR 12½% Paste. (By)	
	C. 1136	Algol Orange R 12% Paste. (By)	
39	S. 824	Algol Orange 6 RTK Pastes & Powder. (By)	
	C. 1137	Vat Orange FF Extra 12½% Paste. (By)	
41	S. 819	Vat Red FF Pastes & Powder. (By)	
	C. 1133	Algol Yellow R. 12½% Paste. (By)	
48	S. 817	Grelanone Yellow RG Pastes & Powder. (Gr-E)	
	C. 1132	Alizarine SX 20% Paste. (B)	
50	S. 784	Alizarine Red No. 588 Pastes & Powder. (M)	
	C. 1040		

142	(D)	Benzo Fast Blue 4 GL. (By)
		Diamine Fast Blue F 3 G. (C)
144	(D)	Benzo Fast Brown 3 GL. (By)
		Direct Fast Brown 3 GL. (By)
		Triazol Light Brown 3 GL. (Gr-E)
148	C. 319	Benzo Fast Heliotrope BL. (By)
		Brilliant Triazol Fast Violet BL. (Gr-E)
		Chlorazol Fast Helio BK. (BDC)
		Direct Fast Violet BL. (By)
162	C. 340	Benzo Fast Yellow RL. (By)
		Diamine Fast Yellow R. (C)
229	S. 617	Chloramine Yellow 2G. (By)
	C. 814	Diamine Fast Yellow DGG. (C)
		Stilbene Yellow 3 GX. (B)
273	S. 881	Ciba Blue 2 BD 16% Paste. (DOW)
	C. 1184	Brown Indigo F.B.P. Pastes & Powder. (By)
312	S. 546	Cyanol FF. (A)
	C. 715	Indigo Carmine Blue FF. (A)
322	(D)	Diamine Catechine G. (C)
		Dianil Brown CG. (M)
323	(D)	Diamine Fast Blue FFG. (C)
		Brilliant Fast Blue BX. (By)
367	(D.d)	Diazo Brown 3 G. (By)
		Developed Brown 3 G. (B)
372	C. 654	Diazo Fast Yellow 2G. (By)
		Triazogene Light Yellow 2 G. (A)
432	S. 528	Fast Acid Violet 10B. (By)
	C. 696	Violet Acide Solide 10 B. (P)
452	S. 530	Formyl Violet S 4 B. (C)
	C. 692	Violet Acide 5 BE. (P)
472	(V)	Helindone Brilliant Green D 5 G 16 2/3 Paste. (M)
		Helindone Brilliant Green Pastes & Powder 5 G. (M)
473	S. 873	Helindone Brown AN 10% Paste. (M)
	C. 1149	Thioindone Brown B Pastes & Powder. (K)
487	S. 920	Helindone Violet R. 20% Paste. (M)
	C. 1219	Thioindigo Violet R. Pastes & Powder. (K)
488	S. 810	Helindone Yellow 3 GN 20% Paste. (M)
	C. 1138	Thioindigo Yellow 3 CN Pastes & Powder. (K)
499	(V)	Hydron Brown R. 16 2/3% Paste. (C)
		Vat Brown R. Pastes & Powder. (C)
509	(Sr)	Immedial Direct Blue B. (C)
		Immedial Direct Blue B. Extra Conc. (C)
519	S. 843	Indanthrene Blue GC 10% Paste. (B)
	C. 1115	Grelanone Blue GC Pastes & Powder. (Gr-E)
		Vat Blue. GCN Pastes & Powder. (B)
564	C. 1178	Indigosol D H. (DH)
		Indiosol O. (DH)
616	S. 564	Naphthalene Green V. (M)
	C. 735	Alkaline Fast Green 3 G. (M)
621	S. 217	Naphthol Blue Black S. (C)
	C. 246	Noir Naphthaline 12 B Extra Conc. (P)
659	S. 545	Patent Blue A. (M)
	C. 714	Blue Carmine A. (B)
713	S. 496	Setoquinine. (G)
	C. 658	Tannocyanine 3 G. (M)
718	(D)	Solamine Blue FF. (A)
		Diamine Fast Blue F 3 B. (C)
719	(I)	Soluble Blue T. (B)
		Ink Blue BITBN. (Gr-E)
756	S. 353	Toluyene Red. (Gr-E)
	C. 436	Chlorantine Fast Red 8 BN. (J)
43	AC (V)	Vat Yellow 12 GL. (Gr-E)
		Vat Yellow 6 G. (A)
771	S. 559	Victoria Blue B. (B)
	C. 720	Victoria Blue B. Conc. (M)

Standards No. 386, 721 and 10 AC, are removed from the Official List of Standards.

Crystal violet dye, imported by Kuttroff, Pickhard & Co., was adjudged appraisable at five-fourths the value of domestic crystal violet 6B, formerly manufactured by Butterworth Judson Corp., in a recent decision handed down by the Court of Customs Appeals. One dissenting opinion was made on the ground that the test of the two dyes was made on wool, whereas they are ordinarily used for paper, where, according to the appellants, the ratio of strength is eleven to ten, instead of five to four.

H. C. Frick Co. has started 265 coke ovens of which 150 are at Hecla, Pa., 50 at Phillips and 65 at Leith. The putting in blast of an additional furnace at Lorain, Ohio, the first of the week brought the demand for coke. Probably several hundred additional ovens will be fired within the next ten days.

## The Oil Market

Current Spot Quotations of Oils, Greases, pages 524-525

### OLEO OIL AND WHITE GREASE ADVANCED

Heavy Domestic and Export Demand the Cause—Lard Oil Lower—Stearine Down—Tallow Steady—Vegetable Oils Quiet But Firm—Rapeseed Oil Up—Cottonseed Oil Breaks Sharply—Corn Oil Lower—Linseed Oil Quiet—Chinawood Oil Firm—Palm Oil and Olive Oil Foots Hold at Unchanged Prices

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Grease, White, 3/4c lb.	Oleo Oil, 1 1/2c lb.		
	Rapeseed Oil, 2c gal.		
Corn Oil Crude, 1/2c lb.		Lard Oil, 3/4c to 1/2c lb.	
Cottonseed Oil, P.S.Y., 7/8c lb.		Stearine Oleo, 3/4c lb.	

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Cod Oil, N. F. ....gal.	\$.62	\$.62	\$.62	\$.59	\$1.25	\$.26 1/2
Degras, American, bbl.f.	.04 1/4	.04 1/4	.04 1/4	.04 1/4	.23	.03 1/2
Lard No. 1 .....gal.	.96	.96	.96	.88	2.90	.92
Henhaden, 20 tks ....gal.	.53 1/4	.53 1/4	.55	.50	1.20	.33
Neatsfoot, 20 deg. c.t. gal.	1.26	1.22 1/2	1.22 1/2	1.46	8.45	.95
Red Oil, distilled .....lb.	.12 1/4	.12	.12	.12	.09 1/2	.17
Stearic Acid, T. P. ....lb.	.17	.17	.16 1/4	.13 1/4	.33	.12
Coconut, Ceylon, bbls.f.	.10 1/4	.10 1/4	.10 1/4	.10 1/2	.30	.14
Cottonseed, crude, tanks lb.	.09 1/4	.09 1/4	.09 1/4	.12	.25	.08
Linseed, crude .....gal.	1.08	1.08	1.00	1.02	1.85	.57
Olive, denatured .....gal.	1.18	1.18	1.15	1.25	4.50	1.05
Peanut, refined .....lb.	.15	.15	.15	.16	.30	.08
Soya Bean, bbls. ....lb.	.13	.13	.13	.12 1/4	.19 1/4	.07
Average .....	4.95	4.99	4.86	4.90	5.92	1.56

Cottonseed oil proved to be the only weak spot in the vegetable oil market during the week and prices broke sharply as the long-awaited unloading of the "longs" took place. Linseed oil is quoted at the same figures as were reported last week although for a few days crushers quoted 2c above those prices. Consuming interest in the entire list of vegetable oils is light, but holders of stocks continue firm in their quotations in anticipation of active Fall buying, which should make it possible to realize present prices or better.

Animal oils and fats are apparently in an uncertain condition and mixed revisions in prices have again been announced. Tallow maintains a steady position. The price has not changed and manufacturers are not certain in which direction it will move. Lard oil has been reduced again owing to a sharp decline in the demand and rapidly accumulating stocks in makers' hands. Oleo oil is in heavy demand for both domestic consumption and export and a sharp advance is announced. White grease is in heavy request and manufacturers are naming higher prices for offerings. Stearine oleo is lower. Fish oils are steady and prices show no change.

#### Vegetable Oils

**Castor Oil**—No improvement noticed in the demand and makers are competing sharply for orders, prices are quoted at recent reduction.

**Chinawood Oil**—Market slightly firmer although quotations are unchanged both for spot goods and material at Pacific Coast.

#### INDUSTRIAL CHEMICAL SECTION

**Coconut Oil**—Various grades firm and prices show no variation from those of last week.

**Corn Oil**—Crude oil lower and 10c lb is possible in tanks at mills. Refined oil is held at firm unchanged prices in the face of a very quiet market.

**Cottonseed Oil**—Crude oil remains nominal at 9 1/4c lb with no buying reported. Prime summer yellow sharply lower due to the unloading of the "longs." August oil opened at 10 1/4c@11c lb. Other positions opened as follows: Sept. 10.95c@10.98c lb; Oct. 10.77@10.85c lb; Nov. 10.42c@10.44c lb; Dec. 10.40@10.45c lb; Jan. 10.40c@10 1/2c lb; Feb. 10 1/2c@10.70c lb; March 10.70c@10.77c lb.

**Linseed Oil**—Present quotations show no variation from last week's prices of \$1.03 gal. for Aug.-Sept. oil. For a few days during the past week crushers were quoting 2c above these figures but a break in the seed market caused a reduction. Some Sept. oil was sold at \$1.01 on bids when the market was \$1.03. Consumers are unwilling to take any more oil than necessary to fill the orders on their books and consequently interest is lacking. Seed markets opened this week at sharply lower prices than last week's opening and Winnipeg was quoted at \$2.36 for Oct.; \$2.29 for Dec.; and \$2.37 for May; Duluth Sept. \$2.61; Oct. \$2.59; Nov. \$2.59 1/2; Dec. \$2.56 1/2; Minneapolis Sept. \$2.55 1/2; Dec. \$2.54 1/2; Buenos Aires Sept. \$2.16; Linseed oil is quoted at London at 42s 9d; and at Antwerp at 430f.

**Olive Oil**—Market steady at recent advance due to the high value of replacements. Buying is not of very great proportions.

**Olive Oil Foots**—Spot and shipment are quoted unchanged at recent reduction. Spot stocks are of very large proportions but are in strong hands.

**Palm Oil**—Market remains firm for both Niger and Lagos due to the unchanged conditions of the foreign markets.

**Rapeseed Oil**—Oil on spot is higher at \$1.00 gal. and a fair demand is reported. Shipment is offered at 98c gal.

**Soya Bean Oil**—Quotations are unchanged in all directions but interest is lacking due to the high prices prevailing.

#### Animal Oils

**Greases**—White greases advanced again owing to the heavy demand and smallness of stocks in makers' hands. Quotations are given at 15 1/4c@15 1/2c lb. Other grades are in a steady condition and prices remain unchanged.

**Lard Oil**—Edible prime and off prime have been reduced again and makers quote edible prime at 19 1/4c@20c lb; and off prime at 19 1/4c lb. Extra has reacted slightly from its sharp advance of last week and is now offered at 16 1/4c lb. Other grades are moving well at unchanged prices.

**Oleo Oil**—Makers have advanced No. 1 oil sharply to 17 1/4c lb owing to a heavy demand both for domestic consumption and for export. Other grades are holding at unchanged prices.

**Red Oil**—Manufacturers report a very satisfactory movement of supplies for the Summer and quote prices at recent advance.



**Stearic Acid**—Unchanged conditions rule in this market and makers are reporting business above the corresponding period last year.

**Stearine Oleo**—Lower quotations given by makers who name 14½¢ lb for supplies on hand.

**Tallow**—Market remains at 9¾¢@10¢ lb but factors are unwilling to forecast when the next change will occur or whether it will be up or down. At present all offerings are being quickly absorbed.

Factory production of fats and oils (exclusive of refined oils and derivatives) during the three-month period ended June 30, 1925, was as follows: Vegetable oils, 402,373,487 pounds; fish oils, 8,672,693 pounds; animal fats, 478,809,499 pounds; and greases, 90,126,607 pounds; a total of 979,982,286 pounds. Of the several kinds of fats and oils covered by this inquiry, the greatest production, 369,877,218 pounds, appears for lard. Next in order is linseed oil, 169,979,532 lbs.; cottonseed oil, 144,568,391 pounds; tallow, 107,105,200 pounds; coconut oil, 47,520,654 pounds; corn oil, 23,326, 149 pounds; and castor oil, 12,034,030 pounds. The production of refined oils during the period was as follows: Cottonseed 202,615,217 pounds; coconut 44,217,669 pounds; corn, 14,871,423 pounds; peanut, 173,259 pounds; and palm kernel, 174,260 pounds.

Parsons & Petit, New York, state with regard to the market for dynamite glycerin: "The effect of the demand for Radiator Anti-freeze solutions for the coming Winter, does not seem to have been seriously considered by the trade generally, but individuals predict, that it will be large, and will have a considerable influence upon the market; the season for the use of these solutions is still three or four months off, but preparations are now being made to provide for the anticipated demand, which is likely to be increased over last year, owing to the propaganda which has circulated of late."

Import regulations covering cottonseed cake, cottonseed meal and other cottonseed products have been amended effective Aug. 7, allowing the importation at Mexican border ports of these products coming from mills in the State of Sonora in the Altar district and such other districts as may be approved by the Secretary of Agriculture. Products from these districts were previously prohibited owing to the infestation of the pink bollworm.

A. E. Staley Mfg. Co., Decatur, Ill., in "With the Grain" for July 20, points out that while the estimates of the 1925 corn crop are the biggest they have been in several years, available stock from last year's crop is exceedingly limited and present prices are necessarily high. Prices, however, have receded somewhat and dextrins and starches are lower.

Carl H. Black, American Can Co., has been elected secretary of the Paint, Oil and Varnish Club of New York to fill the unexpired term of Herbert G. Sidebottom, who has resigned after five years service. The address of the new secretary is 120 West 42nd street, New York.

Sevonade (soap) has been declared dutiable under paragraph 27 of the Tariff Act by Assistant Secretary of the Treasury, L. C. Andrews in a communication to the United States Appraiser of Merchandise at Chicago.

Harry E. Baer, New York, has been appointed chairman of the special committee of the New York Paint, Oil & Varnish Club, to investigate railroad facilities for reaching the paint convention in Cleveland in October.

Lever Bros., Ltd., London, are reported to be considering the sale of a factory and a number of local trade marks in Japan to the Kawasaki Dock Co., for £275,000.

## FLAXSEED STOCKS LARGER THAN 1924

**Census Bureau Estimates 2,256,500 Bushels Against 1,208,500 in Manufacturing Establishments—Flaxseed Available for Consumption 44,722,000 Bushels Compared With 37,448,000 Last Year**

Stocks of flaxseed in the United States thus far reported are well above last year. Stocks in manufacturing establishments on June 30, 1925, are reported by the Bureau of the Census at 2,256,500 bushels compared with 1,208,500 bushels on June 30, 1924. Stocks in public and private elevators in Minneapolis and Duluth on July 4 as reported in the "Daily Market Record" amounted to 622,855 bushels compared with 74,389 bushels on that date in 1924. No estimate is available of stocks in elevators at Buffalo or New York.

Canadian stocks in store on July 31, including those at Fort William, Port Arthur, Winnipeg, Vancouver, in interior terminal elevators and country elevators amounted to 1,425,657 bushels compared with 432,826 bushels on the same date last year.

The supply of flaxseed available for consumption in the United States for the year ending June 30, 1925, including linseed oil in terms of seed is estimated at 44,722,000 bushels compared with 37,448,000 last year. These figures are obtained by deducting the exports from the sum of the production plus imports and taking no account of stocks on hand at the beginning or close of the year.

Flaxseed consumed in oil mills of the United States during the year ended June 30, 1925, is reported by the Bureau of Census at 40,500,000 bushels compared with 36,201,000 the year preceding.

World production of flaxseed will probably be smaller this year than last, reports the Department of Agriculture. Acreage estimates for 14 countries which had been 95 per cent of the estimated total world flax area last year total 16,841,000 acres compared with 17,530,000 acres in 1924. Production estimates or forecasts for the United States, India, Canada, Morocco, Tunis and Bulgaria, total 54,353,000 bushels compared with 58,852,000 bushels last year. These countries produced more than 45 per cent of the 1924 crop.

The biggest acreage decrease is reported for Argentina, which grows between one-third and one-half the world crop. The area sown to the 1925-26 crop is estimated in a preliminary report at 5,445,500 acres or about 14 per cent less than the area harvested in 1924-25. The crop in India is already harvested and is reported at 21,640,000 bushels.

The condition of the crop in the United States on Aug. 1 indicated a harvest of 23,500,000 bushels compared with 30,200,000 in 1924. The average production for the past ten years has been about 13,500,000 bushels. The Canadian crop is estimated at 8,666,000 bushels, which is 11 per cent below the final estimate for 1924 when the crop was placed at 9,695,000 bushels.

Adrian D. Joyce, president of Glidden Co., has returned from a six weeks' trip to England and France, during which he made arrangements for the distribution of the company's new product, Lacq. He also made a contract to supply one of the large French paint companies with Cadmium Yellow, a by-product obtained in the smelting of zinc. Mr. Joyce said: "Glidden sales in July came up to our expectations, amounting to \$1,780,000, a gain of \$280,000 over a year ago and keeping in line with our estimates of \$25,000,000 sales for the fiscal year ending Oct. 31, next. Sales in the first nine months of our fiscal year were \$2,850,000 ahead of the same months of last year."

## Miscellaneous Raw Materials

Heavy Chemicals 506-524, Tan and Dyestuff 506-524, Fatty Oils 524-525

### FERTILIZER MATERIALS MARKET FIRM

All Items in List Occupy Strong Position—Textile Trades Show Improved Inquiry—Other Consuming Trades Continue Along Routine Lines—Lead Pigments Higher—Naval Stores All Advanced—Ammoniates Generally Higher

#### PRICE CHANGES IN NEW YORK (Stock in First Hands)

##### Advanced

Ammonium Sulfate, 15c 100 lb.	Turpentine, 4c gal.
Blood, S. A., 5c unit.	Rosin: B 65c 280 lb.
Bone, N. Y., \$2 ton.	D, F 70c 280 lb.
Cyanamid, 7½c unit.	E 60c 28c lb.
Lead, ¾c lb.	G, H, I, M 55c 280 lb.
Lead Pigments, ½c lb.	K 50c 280 lb.
Phosphate Rock, 75-74% 25c ton.	N 15c 280 lb.
Tankage, N. Y., 20c unit.	WG, WW 10c 280 lb.
S. A., 10c unit.	

##### Declined

Bone, Chi., \$2.50 ton.

The market for raw materials used in the chemical consuming trades shows a general tendency to develop stronger positions with a number of prices already reflecting this strength in material advances. An improved inquiry is evident from the textile trades, with rubber, paper, glass, varnish and lacquer and leather trades buying in a routine way. Buying from the fertilizer manufacturers is seasonally light, but the market for their raw materials is very strong, due partially to a scarcity in a number of the articles and partially

to a feeling on the part of the dealers that they should make up now for the lean period when these manufacturers were not making any money. Actual buying in all of these fields is not excessive but a better tone exists and dealers are looking for more promising business in the near future. Lead pigments have been advanced and all naval stores are higher.

### ACCELERATORS

Manufacturers continue to report a heavy demand for all products and quote firm prices on the entire list. Diphenylguanidine remains at 95c@98c lb as to quantity; hexamethylene is quoted at 80c@82½c lb; ethylideneaniline holds at 62c@65c lb; triphenylguanidine is firm at 69c@74c lb.

### ALBUMENS

Blood—A stronger tone is evident in this market with imports good and prices unchanged.

Egg—Imports are improving and a certain demand is evident but market continues steady at unchanged prices.

Vegetable—Routine movement continues with prices held steady at manufacturers figures.

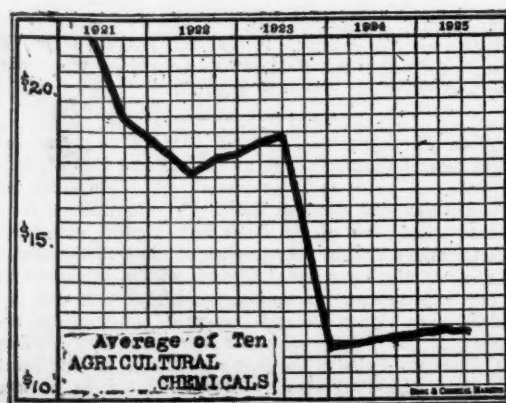
### CLAYS AND FILLERS

No new developments are seen in this market with prices well maintained at contract levels for barytes, blanc fixe, china clays, talc and whiting. Movements continue good for contract withdrawals and a certain amount of spot business is evident.

## Agricultural Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid Sulfuric, 66%.....ton	\$14.00	\$14.00	\$14.00	\$14.00	\$55.00	\$20.00
Ammonium Sulfate, 100lbs.	2.75	2.60	2.95	2.45	1.75	2.65
Arsenic.....lb.	.08½	.08¾	.04	.07¾	.18	.04
Copper Sulfate.....100lbs.	4.45	4.45	4.30	4.60	20.00	4.05
Paris Green.....19	.19	.19	.30	.30	.11	
Potash Muriate, 90% ton.	34.55	34.55	31.00			
Potash Sulfate, 90%.....ton	45.85	45.85	41.22	440.00	42.07	
Phosphate, Acid, 16%.....ton	10.10	10.10	8.25	21.00	15.00	
Phosphate Rock, 68%.....2.50	2.50	2.50	2.25	11.00	3.00	
Sodium Nitrate.....100lbs.	2.47	2.47	2.46	2.52	5.00	1.90

Average ..... 11.690 11.675 11.694 10.672 108.50 13.84

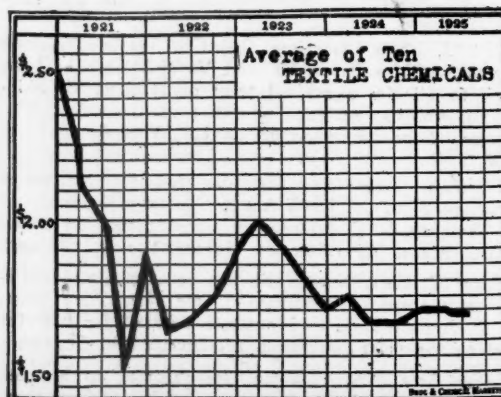


INDUSTRIAL CHEMICAL SECTION

## Textile Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic, 28%.....	\$3.00	\$3.00	\$3.00	\$3.12	\$17.00	\$1.50
Acid, Oxalic.....	.10¾	.10¾	.10¾	.09¾	.70	.07½
Bleaching Powder.....	1.90	1.90	1.90	1.90	9.50	1.50
Copper Sulfate.....	4.45	4.45	4.30	4.40	20.00	4.50
Caesom Salt, U.S.P.....	2.15	2.15	2.15	2.10	4.25	1.50
Glauber's Salt.....	1.25	1.25	1.25	1.20	2.50	.80
Potash, Caustic, Imp.....	.07¾	.07¾	.07¾	.06¾	.27	.12
Soda Ash, 88% wks.....	1.38	1.38	1.38	1.38	1.10	.68
Soda Caustic, 76% wks.....	3.10	3.10	3.10	3.10	0.50	1.80
Sodium Bichromate.....	.06½	.06½	.06½	.07½	.45	.04½

Average ..... 1.747 1.747 1.732 1.753 4.800 1.25



### COLORS AND PIGMENTS

Dry lead pigments have been advanced  $\frac{1}{2}$ c lb by makers owing to the high market for the metal and quotations in barrels are: litharge  $11\frac{1}{2}$ c lb; red lead 12c lb; white lead  $10\frac{3}{4}$ c lb; white sulfate 10c lb; orange mineral  $14\frac{1}{2}$ c lb. Chrome greens and yellows are unchanged in price despite the higher cost, and competition remains sharp since demand is not very spirited. Prussian blues are moving in a large way but production is very large and makers are generally anxious for more business. English vermilion remains firm.

### DYE AND TAN WOODS

Little change is seen in this market aside from an improved inquiry, which is looked upon by many as indicative of better buying in the fall. Myrobalans are beginning to be received here again but most of it is sold to arrive and spot material is a minor factor. Prices are unchanged throughout the list. Divi divi, logwood, sumac and myrobalans continue to be quoted at former prices. Less logwood is now being secured and a tighter situation is reported there.

### EXTRACTS

**Archil**—A stronger situation is reported in this market but prices are unchanged at former levels.

**Cutch**—There has been no change in this situation with prices firm at former figures.

**Fustic**—This item is showing more life on the present market but so far there has been no price change.

**Hematin**—Routine demand continues for this material and the market continues unchanged.

**Logwood**—The tighter situation with regard to the wood is reflected in this market and prices are expected to advance before long. Demand continues good with prices steady at the moment at  $8\frac{1}{4}$ c@ $8\frac{1}{2}$ c lb for the liquid with other grades at corresponding figures.

**Quebracho**—There has been no change in this market with goods moving in a routine way at unchanged prices.

### FERTILIZERS

**Ammoniates**—The market for these products continues strong due to scarcity of supplies rather than any large buying at the moment. South American blood is higher at \$4.35 unit. Bone is very scarce but demand is weak and prices are easier at \$30.00 in Chicago for the steamed and higher at \$37.00 for the raw in New York. New York tankage is up to \$4.00 and 10c and \$4.40 for South American. Nitrogenous material is unchanged at former figures.

**Acid Phosphate**—Makers are well sold up on this item but have not changed their prices.

**Ammonium Sulfate**—Large sales have been made and the price has advanced to \$2.75 delivered.

**Cyanamid**—Manufacturers are now at the height of placing contracts and prices have been advanced to \$1.90 @ \$2.05 at the works for bulk quantities. Imported material is unchanged.

**Phosphate Rock**—Suppliers report large volume of sales and stocks well placed. The 75-74% is higher at \$4.00@ \$4.25 ton with other grades unchanged.

**Potash Salts**—Receipts in this country continue large and prices are unchanged at guaranteed figures.

**Sodium Nitrate**—See Heavy Chemical Market.

### INSECTICIDES AND FUNGICIDES

Situation is unchanged and manufacturers of calcium arsenate are not certain as to their procedure for the coming year. The uncertain market for arsenic as well as the fact that present stocks, which were carried over from last year stock were made from high priced arsenic

make its value problematical. The present spot market is about 6c lb but there is absolutely no demand. Requests for a price for March delivery was refused by makers. Paris green and lead arsenate stocks are large and a very slight movement took place during the past season.

### METALS

Antimony is steady and prices remain at  $17\frac{3}{4}$ c lb spot. Copper has held firm at last week's quotations of  $14\frac{1}{2}$ c @  $15$ c lb for Lake, and  $14\frac{1}{4}$ c@ $14\frac{1}{2}$ c for electrolytic. Lead is higher at  $9\frac{3}{4}$ @ $10$ c lb. Tin is lower at  $57\frac{3}{4}$ c lb. Zinc has advanced slightly to 8c lb.

### NAVAL STORES

**Rosins**—Moderate advances in fine grades, and sharp advances in medium and common grades at primary markets were reflected in the spot market as usual. Quotations are: B \$11.00@ $11.10$ ; D \$11.05@ $11.15$ ; E, F \$11.10@ $11.20$ ; G, H \$11.15; I, K \$11.15@ $11.25$ ; M \$11.20@ $11.30$ ; N \$11.60@ $11.65$ ; WG \$13.40@ $13.65$ ; WW \$14.60@ $14.85$ .

**Turpentine**—Higher prices quoted owing to advances in primary markets and dealers now quote spirits at  $1.02\frac{1}{2}$ @ $1.07$  as to seller and quantity.

### (Special Correspondence to DRUG & CHEMICAL MARKETS)

Savannah, Ga., Aug. 15.—Turpentine closed steady at 97c which is  $5\frac{1}{2}$ c above last week's price. For a few days the market was \$1.00. Unsold offerings are small and it is thought that due to the large number of prompt orders that are waiting to be filled, buyers will only be able to hold off a few days and should not be able to drive the price below 95c, and it is not certain that they can drive it down at all. Receipts for this week were 4,327 bbls., stock today 15,788 bbls.

Rosins closed firm at prices about 65c higher than last week on medium and common grades, and 25c higher on fine grades. A reaction is anticipated but it is thought that the market is in a fairly steady condition and that there is a consuming demand for most of the rosin that has been sold. Shipments this week were twice the receipts and the smaller stocks are firmly held. Closing prices are: B, D, E, F, G, H, I, K, M \$10.00; N \$10.35; WG \$12.15; WW \$13.35; X \$13.40. Receipts for the week were 14,391 bbls.; stock on hand 101,170 bbls.

Jacksonville, Fla., Aug. 15.—Turpentine closed quiet at 98c@ $1.00$  with no sales and no bids, unsold offerings amounting to 467 bbls. Indications are for lower prices. Rosins closed firm on sales of 672 bbls. to two buyers, and 46 bbls. were carried over on which there were no bids. Closing quotations are: B, D, E, F, G, H, I, K \$10.00; M \$10.00@ $10.02\frac{1}{2}$ ; N \$10.35; WG \$12.15; WW \$13.35@ $13.40$ ; X \$13.40.

### STARCHES DEXTRINS AND SIZES

**Amber Sorts**—See Crude Drug Market—Arabic Gum.

**British Gum**—Market continues quiet with prices unchanged.

**Dextrins**—Demand remains of a routine nature with little of new interest developing since recent decline which was brought about by the situation in the grain market.

**Starches**—Prices are unchanged at recent decline with demand showing slight improvement. No new developments are seen in this market.

**Sizes**—There has been no change in any of the items of this list. Casein is strong from South America, glue is weak on this market and gelatin continues steady.



### MAKE NEW DYE FOR CELANESE

**Fast to Washing and Perspiration and Leaves Material Unstained, Says DuPont**

A new product manufactured especially for use in the dyeing of blacks on materials containing celanese has been placed on the market by the Dyestuffs Department of E. I. du Pont de Nemours & Co. Heretofore difficulty has been experienced in obtaining a black that will leave celanese unstained and this new product known as Pontamine Fast Black CW is stated to surpass all other direct blacks on the market in this respect.

Pontamine Fast Black CW has good fastness in general for a direct color, the company's announcement states, but is especially satisfactory because of its good fastness to washing and perspiration for materials containing celanese, particularly those products which are to be used for clothing. It can be after-treated with formaldehyde to improve fastness to washing but it reddens the shade somewhat.

It is stated to be very soluble and as copper and iron have very little effect on the shade it can be used in all metal dyeing machines. While its chief use is for deep blacks, it can also be used for padding light shades of gray. It dyes best with the addition of 20% Glauber's salt at a temperature of 160° F. and this method is generally employed to obtain the most satisfactory results when it is desired to leave celanese unstained.

### FRENCH SELLING MORE DYES IN JAPAN

*(Special Correspondence to DRUG & CHEMICAL MARKETS)*

Tokyo, Japan, July 18.—Business shows some improvement in the weaving centers and there is a resultant improvement in the tone of dyestuffs though little change in price has occurred. Auramine is quoted at yen 4.90 per kin, malachite green yen 7.80, methyl violet yen 2.70, Japanese direct black yen 2.30. German indigo is obtainable at yen 230 a barrel and French at yen 220.

German and French dyes and chemicals have been imported in increasing quantities during the year, according to a report by the Department of Commerce and Trade. Particularly is this true of French products during the last six months, due to the favorable exchange rate that the Japanese importer receives, and also to the activity of the French Economic Mission which spent three months in Japan and established many important contracts. As the stock of German Reparation dyes decreases other foreign and domestic dyes appear on the market in greater quantities.

Newport Chemical Works has issued a leaflet describing a new color, Newport Direct Brilliant Violet R Conc., which is said to be suitable for producing shades of bright violet and heliotrope on cotton that have no special fastness requirements. It discharges pure white with hydrosulfite, and is very fast to steaming and so is useful as a ground color in printed patterns. Pure silk is dyed neutral and produces a bright reddish violet shade. Rayon is dyed heavier and slightly redder than cotton, and lustron and celanese are only tinted pink. It is not suitable for wool application.

National Solantine Violet R is a new color announced by National Aniline & Chemical Co. as a further addition to their line of fast-to-light colors. Bright reddish violet shades are produced, and it is of good solubility and suitable for use on all types of machines. By itself or in combination with other Solantine colors, this product is particularly suitable where fastness-to-light is desired. A leaflet with swatches attached show the color on cotton, rayon, and silk piece goods.

INDUSTRIAL CHEMICAL SECTION

## The Consuming Industries

F. M. Saunders has been appointed purchasing agent of Groton & Knight Mfg. Co., oak leather tanners, Worcester, Mass., succeeding H. K. Raymenton who is in Europe.

Carloadings for the week ending Aug. 1, were 1,043,063, an excess of 13,460 over the previous week and 97,450 over the corresponding week last year. This is the third consecutive week in which car loadings have exceeded a million.

The Bradford (England) Dyers' Association has purchased the business of Robert Clay, of Cheadle, Manchester, says the "Daily News Record." The Clay firm is the largest cotton piece dyers in the United Kingdom outside of the Association.

The high price of raw rubber and the co-responding wages made possible, are drawing native laborers to that field and the logwood industry is suffering in consequence. Logwood is becoming increasingly difficult to obtain and extract manufacturers predict higher prices for their products before long.

Factory employment in New York State was about 1 per cent lower in July than in June according to reports issued by the State Department of Labor. Losses in the chemical trade were most pronounced in soap, candles, linseed oil, fireworks, paper and fertilizer plants while furs, leather, rubber goods, and drugs remained steady and paints, varnishes and dyes showed a slight gain.

A receiver is asked for Corr Mfg. Co., Taunton, Mass. in a bill in equity filed in the Superior Court by A. Cleveland Bent, who states that he is one of the largest creditors. The plaintiff contends that the mill would be able to pay its debts in the regular course of business if conducted by a receiver, but unless action is taken, the creditors are likely to lose heavily.

Construction on the big rayon plant to be erected near Elizabethton, Tenn., on the Watauga River, by American Bemberg Co., capitalized at \$17,500,000 will begin soon. When the first unit is in operation about 2,000 men and women will be employed. The plant site was inspected last week by representatives of the new company and of Wolf-Strauss & Co., New York City, who represent foreign interests. The site includes several hundred acres between Elizabethton and Johnson City.

The tanning industry has obtained the co-operation of the War Department and Department of Agriculture in an attempt to check the spread of the blight which is devastating the chestnut forests of the United States, the chief source of leather tanning materials. The War Department, Acting Secretary Davis, is making a study of the situation in co-operation with the other departments of the Government and the tanners, in pursuance of its general policy of mobilizing the industrial resources of the nation in time of peace against an emergency.

Judge Hammond of the Suffolk County Superior Court has ordered postponed until Sept. 8, the hearing on the sale of Whitmore Manufacturing Co., Holyoke, to Rosemare Coated Paper Co. The judge excludes from the sale the following chemicals owned by Whitmore Manufacturing Co.: Casein, satin white, blanc fixe, clay, and any dyes which may be on hand. The sale is to include all the buildings, machinery and equipment but the chemicals must be sold at a fair market value. If Rosemare Paper Co. wants them it must pay on the basis of the market price at the time of sale.

# DuPONT STOCK ON \$8.00 BASIS

Directors of E. I. duPont de Nemours & Co., have declared a quarterly dividend of \$2.00 a share on the outstanding common stock and an extra dividend of \$1.00 a share. These are the first dividends to be declared by the board since the recent 40 per cent stock dividend declaration.

The declaration places the increased capital stock on an \$8.00 annual dividend basis, which without the extra dividend is equal to \$11.20 a share annually on the common stock prior to the stock dividend disbursement. The company had been paying dividends of \$10.00 a share annually before the stock dividend. Both the regular \$2.00 and the extra dividend of \$1.00 a share on the common are payable Sept. 16 to stockholders of record Sept. 1.

The board also declared the regular quarterly dividend of 1½ per cent. on the debenture stock, payable Oct. 26 to stockholders of record Oct. 10. It was also announced that the directors of E. I. du Pont Powder Co., declared the regular quarterly dividend of 1½ per cent on the common stock and 1¼ per cent on the preferred, both payable Nov. 2 to stockholders of record Oct. 20.

## BOSTON CHEMICAL TRADE IMPROVES

(Special to DRUG & CHEMICAL MARKETS)

Boston Aug. 19.—The shoe industry of New England is now definitely established on a much improved basis and this is being reflected in the demand by the chemical and blacking trades. Business from tanners is also improving although expansion is not yet as noticeable as in the shoe industry insofar as the demand for chemicals is concerned. Taken as a whole the chemical trade is more active than it has been at any time this year.

Sales of denatured alcohol in July made new high records in several instances and a large turnover is anticipated this month. Prices hold steady throughout the list and if business continues to expand, an upswing is certain in a number of items.

Dyestuffs are not expanding as noticeably as chemicals and the market is not without its weak spots. The better business in textiles has not yet resulted in much improvement in buying of dyestuffs. Deliveries on contracts in extracts are well maintained.

The United States Gypsum Co., has declared an extra dividend of \$1 a share on the common stock in addition to the regular 2 per cent quarterly dividend on this stock and the 1¾ per cent on the preferred stock. The regular dividends are payable Sept. 30 to stockholders of record Sept. 15 and the extra dividend is payable Sept. 1 to holders of record Aug. 22.

In connection with the reorganization of Vick Chemical Co., as Peerless Chemical Co., and the organization of a new Vick Chemical Co., to deal in Vick's Vaporub, the latter company has issued 100,000 shares of no par, common stock, which has been offered at \$41. Application has been made to list these shares on the New York Stock Exchange.

LeBlume Import Co., Inc., 4 W. 16th st., New York, is in a receiver's hands, Judge Goddard having appointed John C. Grier to take charge of its affairs. The liabilities were not stated. Assets about \$10,000, consisting of a stock of perfumery.

Hanover Chemical Mfg. Co., has filed judgment for \$145.78 in New York county against Philip L. Kohnstamm.

Richard Hudnut, Inc., has filed a judgment for \$230.50 against Paul G. Bretschneider.

## VIRGINIA-CAROLINA ISSUES NEW STOCK

The Net Working Capital Is Estimated at More Than \$22,400,000

In the reorganization plan of Virginia-Carolina Chemical Co. a new corporation is to be organized in Virginia, to be known by the name Virginia-Carolina Chemical Corp., which will acquire the properties heretofore owned by the present company or its receivers, other than the shares of the capital stock of Southern Cotton Oil Co. and the shares of Gewerkschaft Einigkeit No. 1, Gewerkschaft Einigkeit No. 2 and Gewerkschaft Einigkeit No. 3, which have been sold by the receivers.

Securities to be issued by the new company include: (a) 7% cumul. dividend prior preference stock (par \$100) \$14,487,060; (b) 6% cumul. dividend partic. pref. stock (par \$100), \$21,447,994; (c) common stock (no par value) 486,708 shares.

The plan requires \$12,417,480 to pay in cash 51% of the principal of \$24,348,000 1st mortgage bonds of the old company, of which latter amount approximately 40% has been or is to be paid out of funds held by the trustee, and the remaining approximately 11% is to be paid out of the remaining cash in the hands of the trustee, and the excess of cash in the hands of the receivers over the estimated working capital requirements of the new company, and by cash arising from the sale of other properties.

It is estimated that after providing reserves for additional excess profits and income taxes assessed or assessable for past years, and to cover the costs of the receivership and of the foreclosure of the first mortgage, counsel fees, compensation of the reorganization managers and committees, and expenses of the reorganization and other expenses, the new company will initially have approximately \$19,500,000 of net working capital, having no funded debt and no current liabilities other than the above reserve and current bills and accounts not yet due.

The current situation in the fertilizer industry is more stable than in recent years, as an indication of which the net earnings of the Virginia-Carolina Chemical Co. and subsidiaries (exclusive of Southern Cotton Oil Co. and other companies whose stocks have been sold by the receivers) for the fiscal year ended May 31, 1925, as shown by the books of the receivers, after providing for depreciation, but before interest or Federal taxes, were over \$3,200,000.

A tentative statement of working capital May 31, 1925 company (including directly operated subsidiary companies) as of May 31, 1925, after giving effect to the refinancing outlined in the plan but before providing for expenses of receivership and reorganization and reserve for Federal taxes, estimated at not to exceed \$3,000,000, is as follows:

Attentative statement of working capital May 31, 1925 including directly operated subsidiary companies, is as follows, giving effect to the refinancing outlined in reorganization plan but before providing for expenses of receivership and reorganization and reserve for Federal taxes which it is estimated at present will not exceed \$3,000,000: Manufactured products, materials and supplies at cost or market value if lower, \$3,679,625; acc'ts receivable, \$2,740,464; bills receivable, \$11,986,617; total, \$14,727,080; less reserve for doubtful debts amounting to \$3,460,505, and cash discounts on accounts not yet settled, \$198,145, \$11,068,429; due from Southern Cotton Oil Co., \$1,560,935; cash in banks and on hand, \$6,837,155; U. S. Government bonds, \$30,000; Insurance and other payments in advance, \$104,900; total, \$23,281,044. Less—Current liabilities: bills payable, \$414,204; accounts payable, \$466,049, \$880,253; net working capital, \$22,400,791.

## QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending Aug. 15, 1925

Bid	Asked	Bid	Asked
*Air Reduction .....106 3/4	107	Hercules Powder ....104	107
*Allied Chem & D. ..95 3/4	96 3/4	Hercules Powd., pf.105	107
*Allied C & D, pf.113 3/4	129	Heyden Chem. ....17 1/2	—
*Am Ag Ch. ....21 3/4	21 3/4	Hooker Electro. ....12	15
*Am Ag Ch., pf. ....63 3/4	64	Hooker Electro, pf. ....40	45
*Am. Chiclé .....47	48 3/4	*Household Products. 41	41 3/4
*Am. Chiclé, pf. ....87 1/2	95	*Int. Agricult. ....14	15
*Am. Cyan. ....104	110	*Int. Agricult, pf. ..50	100
*Am. Cyan, pf. ....80	83	*Int. Nickel. ....30 3/4	31
*Am. Druggist, S. ..5 1/4	5 3/4	*Int. Nickel, pf. ....90	99 3/4
*Am. Glue .....47	50	*Int. Salt .....69	79
*Am. Glue, pf. ....106	109	*Mathieson Alk. ....73	75
*Am. Linseed .....34 3/4	35	Merck & Co., pf. ....51	54
*Am. Linseed, pf. ....80 3/4	81 3/4	MacAnd & Forbes ..153	156
*Am. Metal .....40 3/4	41	MacA & Forbes, pf.100 1/2	103
*Am. Zinc .....7 3/4	8	Merck & Co., pf. ....53 1/2	55 1/2
*Archer Dan Mid. ....36 3/4	37	Merrimac .....84	86
*Archer Dan Mid., pf. 97	98 3/4	Mulford Co. ....30	33
*Atlas Powder .....50	51	*National Lead .....151 1/2	153
*By-Prod. Co. ....46	49	*National Lead, pf.116 1/2	119
*By-Prod. Co., pf. ....102	105	Niag. A., pf. ....80	85
Canad. Ind. Al. ....164	17	N. J. Zinc .....190	193
Canad. Salt .....105	115	Parke, Davis & Co 98 1/2	—
Casein Co. ....62	66	Penn Salt .....72	—
Celluloid Co. ....23	26	*People Gas Chl. ....115	116
Celluloid Co pf. ....73	77	Procter & Gamble ..124	127
*Certain-teed Prod. 52 3/4	52 3/4	Procter & Gam., pf.158	—
Charcoal Iron .....10	20	Royal Bkg. Pow. ....138	143
Ches. Mfg. ....61	63	Royal Bkg. Pow., pf.101	103
Ches. Mfg pf. ....111	113	Shawinigan .....166 1/2	167 1/2
Clark Co., Fred. ....2 1/4	4	Sherwin-Will 1st pf.102 1/4	—
Cleve. Cliffs Iron. ....70	78	*Sterling Prod. ....71	71 3/4
*Com. Solv. A. ....91	95	*Tenn C & Chem ....104	109
Do B .....91	94	*Tenn C & Chem ...11	11 3/4
*Corn Products .....32 3/4	32 3/4	*Tex Gulf Sul .....111 1/2	111 1/2
*Corn Products, pf. 117	123	Union Carbide .....68 1/2	68 3/4
*Davison Chem. ....42	42 3/4	*Un. Drug .....128 1/2	129
Dow Chem. no par. ....53	65	*Un. Drug 1st pf. ....54 1/4	54 3/4
Dow Ch., pf. ....98	102	*Un. Dyewood .....16	18 1/2
Dow Ch., pf. ....140	140	*Un. Dyewood, pf. ....60	70
Dow Drug Co., pf. ....105	108	Un. Gas Imp. ....96 3/4	97 1/2
*Du Pont Deb. ....100	101	Un. Gas Imp. pf. ....58 1/2	—
*Du Pont de Nem. ....198 1/4	199 1/4	U. S. Gypsum .....180	180 3/4
Eastman Kodak ....107	108	*U. S. Indus. Al ....85	85 3/4
*Eastman Kodak, pf. 113 1/4	—	*U. S. Indus. Al pf.109	111
*Freeport Tex .....16 1/4	17	*Va Car Ch. ....2 1/4	3
*Gen. Asphalt .....53	53 3/4	*Va. Car Ch., f. ....11 1/4	11 1/2
*Gen. Asphalt, pf. ....93 3/4	96 3/4	*V Vivaudou .....14 1/2	15
*Gold Dust .....43	43 3/4	Will & Baumer ....12	14
Grasselli .....125	120		
Grasselli, pf. ....101	108		

\*Listed on New York Stock Exchange

FOREIGN EXCHANGE		Par	Current
Great Britain (pound Sterling) .....	\$ 4.866	\$4.85 1/2	
France (franc) .....	183	.046	
Italy (lira) .....	193	.036	
Belgium (franc) .....	198	.045	
Czechoslovakia (crown) per hundred .....	20.30	2.96	
Denmark (krone) .....	268	.228	
Germany (mark) .....	228	.238	
Holland (florin) .....	402	.402	
Norway (krone) .....	258	.184	
Poland (zloty) .....	193	.190	
Spain (peseta) .....	193	.144	
Sweden (krone) .....	268	.268	
Switzerland (franc) .....	193	.194	
Argentina (peso) .....	424	.403	
Brazil (milreis) .....	224	.120	
Japan (yen) .....	499	.410	
India (rupee) .....	485	.366	
China (Silver dollar, Hongkong) .....	789	.572	
(Tael—Peking, silver) .....	1.146	.818	
(Tael—Shanghai, silver) .....	1.986	.772	

Procter & Gamble Co., Cincinnati, reports the volume of business for the year ended June 30 as \$156,065,091, an increase of \$34,712,409 over the previous year. The past year also showed the largest gross sales, with the exception of 1920. The net earnings, after deduction of all reserves and charges for depreciation, losses, advertising and special introductory work, amounted to \$10,375,158, an increase of \$1,745,711 over the year before. The consolidated balance sheet for the year shows total current assets of \$48,295,290, against total current liabilities of \$3,245,250.

## New Incorporations

## In the Chemical, Drug, Oil Producing and Consuming Fields

Equitherm Engineering Corp., temperature regulators, 3,000 first preferred and 1,000 second preferred, \$100 each; 10,000 common, no par; E. F. Davis, M. C. Law, D. D. Farr, (Attys., Greene & Hurd, 52 Bway.).

Allied Asphalt and Mineral Corp., industrial compounds, \$100.000; H. W. Paprocki, C. J. Ferris, H. B. Holland, (Atty., J. H. Lecour, 18 Vesey St.).

Pie Bakeries of America, Inc., Wilmington, \$90,000,000; authorized preferred stock, \$10,000,000, of which preferred stock is divided 100,000 of par value of \$100 per share; Class A stock, 300,000 shares of no par value; 500,000 shares of stock without nominal or par value; M. A. Bruce, M. R. Mannering, B. C. McLaughlin, Wilmington, Del. (Corp. Trust Co. of America).

Lacquer Products Company, paints, varnishes, \$100,000, Wilmington, (Corporation Trust Co. of America).

Northwestern Photo Supply Co., Seattle, capital \$50,000, has filed amendment changing name to Eastman Kodak Stores, Inc.

Coca-Cola Bottling Co. of Seattle, capital \$99,000, incorporated by Alvin Culpeper and E. L. Skeel. Filed July 29 by Roberts & Skeel, Alaska Bldg.

Azalwa Gold Mining Co., Seattle, capital \$499,995, incorporated by R. Z. Farmer, V. A. Johnson and T. B. Handley. Filed July 29 by T. B. Handley, 1101 Spalding Bldg., Portland.

Western Chemical Co., Inc., Seattle, capital \$25,000. Stricken from the records July 1, 1925, reinstated July 24 by the company, Kirkland, Wash.

Deodex Products Fumigation Co., New York. 200 shares common stock, no par. To make compounds. A. Felber, F. R. Katz, W. Gotham. Attorneys, Hyams and Hyams, 292 Madison ave.

Palisade Drug Co., Clifton, N. J., \$25,000. Jacob Jurow; Celia Jurow, Clifton; Max Hertzoff, Palisade Park. Attorneys Friend and Derose, Clifton.

Libby's Drug Co., Inc., Newark, N. J., \$25,000. Rose Rothenberg, Nathan Schreiber, Edward Danzis, Newark. Attorneys, Silver and Silver, Newark.

Lat Perizer Corp., Dover, Del., \$30,500,000. To manufacture sanitary soaps for shaving. M. A. Bruce, F. R. Bogart, E. C. Lehane, Wilmington, Del. Corporation Trust Co. of America.

Pondosa By-Products Corp., Dover Del., \$200,000. To make by-products from the destructive distillation of wood. R. W. Wetmore, P. V. James, C. R. Bazal, Minneapolis; Minn. Corporation Registry Co.

Pacific Chemical Research Corp., Dover, Del., \$100,000. To invent and perfect new chemical and metallurgical processes.

Les Parfums des Courtisanes, New York City. 100 shares common stock, no par. To make perfumes. C. Diaz, J. Nartinat, S. Claus. Attorney, R. Horguet, 2 Rector st.

American Linseed Co., earned close to \$14 a share on the preferred stock, during the first six months of the year, says the "Wall Street Journal." This compares with \$7.39 a share earned on the senior stock in the entire year 1924. Due to the fact that Linseed enjoys its greatest sales volume of the year in the initial six months it is estimated that earnings for the current half year will not be as large as the return in the first half. Those who follow the company closely, however, believe that the total net return for the full year will be equivalent to well over \$20 a share on the preferred issue.

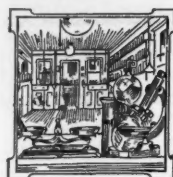
Stockholders of the American Druggists' Syndicate have received a letter from the company stating that the directors will not declare a dividend for the six months ended June 30, 1925, as earnings do not warrant a distribution. Early in the year the company resumed dividends with a payment of 3 per cent.

Eastman Kodak Co. has declared an extra dividend of 75 cents a share on the common stock in addition to the regular quarterly dividend of \$1.25 a share on this stock and \$1.50 a share on the preferred stock, all payable Oct. 1 to stockholders of record Aug. 31.

Archer-Daniels-Midland Co., report net profit for the second quarter of 1925 as \$461,129 or \$1.88 a share on the common as against \$2.17 during the previous quarter. Net profit for the first three quarters of the fiscal year are \$1,578,616 or \$6.61 a share on the common.

Lehn & Fink have filed judgment for \$535.85 in Hudson County, New Jersey, against Cammorota Salvatore.





# Drug & Fine Chemical SECTION



## Comparative Coca Exports from Java

Total Exports in 1924 Were 1,118,181 Kilos of Which Holland Took 791,115—Germany Jumped From 8,800 Kilos in 1923 to 52,735 in 1924—Japan Averaged Over 300,000 Kilos Over Past Five Years—None Came to the United States in 1924 from Java, but 25,843 Kilos in 1923.

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Batavia, Java, July 8.—Both in volume and value, the exports of coca leaves from Java increased during last year, and high market prices paid, especially in Amsterdam sales, have made coca growing very remunerative. Shipments for 1924 totalled 1,118,000 kilos, as against 907,000 kilos for the previous year and 1,269,000 kilos for 1922. Of the countries of destination, Holland continued to be the most important, her imports showing an increase over 1923 of more than 280,000 kilos. Exports to Japan, on the contrary, decreased during late years; against a total quantity of nearly 364,000 kilos shipped to Japanese ports in 1921 and 1922, only 274,000 kilos went to same last year. Germany figures third on the list with 52,700 kilos, as against only 8,800 kilos for 1923.

The table below shows exports of coca leaves to various countries of destination for the past 5 years:

Year	Holland	Japan	U S A	Germany	Total kilos
1920	1,397,820	295,428	11,070		1,707,438
1921	615,282	452,634			1,072,673
1922	903,290	364,069		656	1,269,265
1923	509,073	363,619	25,843	8,800	907,335
1924	791,115	274,331		52,735	1,118,181

The principal ports of shipment are: Sourabaya (717,500 kilos in 1924), Batavia (207,500 kilos), and Samarang (100,000 kilos).

It is hardly possible to speak of a regular market for the product during last year. Japanese consumers, although always among the most active buyers in Java, purchased only moderate quantities, owing to great difficulties being experienced during the early months in obtaining licenses for importing coca in Japan. Consequently, transactions were only possible since March.

Originally there existed only demand for coca containing a high cocaine alkaloid content, i.e. 1.7 per cent and more, these parcels fetching prices ranging from fl. 80 to fl. 85 a picul (136 lbs.); later on, however, the market became easier, and parcels with 1.4 per cent found buyers at prices from fl. 55 up to fl. 60 although the latter only in small quantities. Only one purchase for forward delivery was reported on Japanese account, being the entire 1924 crop of an estate whose product contains, as a rule, 1.5 per cent alkaloid on an average, and which was contracted for at fl. 70 a picul. In the beginning of the year under report a lively interest also existed for purchasing on German account, resulting in business done at fl. 60, to fl. 65, for coca with 1.5 to 1.6 per cent alkaloid content; one of the largest Java estates even selling her entire crop at fl. 40 per unit on a base of about 1.9 per cent alkaloid.

During the second half of the year only few transactions were recorded. Selling for export to Japan still con-

tinued, though on a very moderate scale, quantities being bought up now and then in the Preanger district. It is said that prices ranging from fl. 60. up to fl. 90, per picul were paid for parcels containing 1.3 rising to 1.9 per cent total alkaloid. For shipment to Hamburg, buyers were in the market at fl. 50, (plus fl. 0.50 extra for every 1/100 per cent more) for parcels containing 1.3 per cent.

### Sales at Amsterdam

During 1923 it had been decided to continue the Importer's Agreement on the existing conditions and rates until the end of 1924. At first, sales did very well, and stocks diminished from 4,213 parcels by the end of 1923 to 3,493 parcels by the end of March 1924. From April till October, however, stocks again increased considerably, due partly to fewer sales being effected and partly to supplies exceeding the annual average by the end of July. By October 1, stocks accumulated to 6,466 parcels. After this date, however, a regular decrease followed until the end of December when stocks amounted to 4,319 parcels, this quantity being only slightly more than on the same date of the previous year, when 4,213 parcels were left. The table gives a survey of the Amsterdam market for coca during the year under review:

January	988	1,242	1.51%	63.61	3,959
February	947	1,160	1.57%	64.72	3,746
March	797	1,050	1.53%	63.84	3,493
April	1,808	1,007	1.44%	63.11	4,294
May	1,301	773	1.59%	65.31	4,822
June	907	663	1.45%	63.07	5,066
July	1,599	728	1.60%	65.55	5,937
August	1,275	771	1.58%	63.19	6,441
September	1,329	1,304	1.53%	62.62	6,466
October	624	1,446	1.43%	63.38	5,644
November	500	1,662	1.50%	64.00	4,482
December	1,051	1,214	1.51%	63.42	4,319

The coca agreement was once more continued for one year, till the end of 1925. As has been pointed out previously, the growing of coca as an industry in Java has greatly increased during last years. But as the shrubs are generally grown interplanted with other crops, or planted alongside roads in coffee and rubber plantations, it is exceedingly difficult to obtain exact details with regard to the total planted area. At the end of 1923, 31 estates in the island were reported to have an area under coca, while another 57 estates reported an output obtained from coca shrubs alongside roads or spread among areas under other crops. The total planted area has been reported for the said year to amount to nearly 4,225 acres, whereof 1,500 acres were exclusively under coca. The producing area amounted to some 2,700 acres, whereof 1,250 acres were unmixed. Out of the total Java output for 1923, amounting to 923,700 kilos, 620,900 kilos, or two thirds, were produced by the Pasuruan and Kediri districts. Owing to the remunerative market prices for coca leaves during last year, the area under cultivation is now being extended again.

## The Fine Chemical Market

Current Spot Quotations for Fine Chemicals see Chemical pages 506-572

### THYMOL ADVANCED, GUAIACOL REDUCED

Sudden Shortage Develops in Thymol Market, Bringing Spot Market Up to Manufacturer's Price—Keen Competition Reduces Price of Guaiacol Liquid—Quicksilver Easy—Market Shows Healthy Tone

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	Declined
Thymol, 25c lb.	Haarlem Oil, 5c to 25c lb.
Guaiacol Liquid, 45c lb.	Mercury, 50c flask.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid .....	.35	.35	.35	.33	\$2.00	.20
Acid Citric Import. ....	.45	.45	.46	.46	1.25	.45
Cateins, Alkaloid .....	3.75	3.75	3.75	3.50	13.00	3.65
Calomel, American .....	1.37	1.37	1.37	1.22	3.43	.90
Camphor, Jap ref .....	.73	.73	.74	.69	3.55	.41
Iodine, Resublimed .....	4.65	4.65	4.65	4.40	5.00	3.75
Menthol .....	11.75	11.75	11.45	13.00	13.50	3.00
Potassium Bromide, Cryst. ....	.48	.48	.48	.38	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate .....	.50	.50	.50	.41½	1.05	.50
Average .....	2.265	2.265	2.22½	2.31	5.92	1.56

The market shows a healthier tone in that inquiry is beginning to show for fall trading, although few actual orders of any size, outside the routine run, have developed. There seems to be a more optimistic tendency among dealers and they are looking forward to an active season within the next three or four weeks. Developments of real importance in the market at the moment are scarce, but price changes are looked for in many directions soon.

A sudden shortage has developed in the thymol market and brought the spot price, which has been way below manufacturers' figures for some time, up to their levels. Keen competition between producers has brought about a reduction in the price of guaiacol liquid. Quicksilver is in poor demand and it is weaker at a reduced price. Haarlem oil is lower for both domestic and imported grades. Otherwise, price changes are practically nonexistent or of relatively minor importance.

**Acetanilid**—Market for this continues normal at unchanged prices.

**Acid, Acetylsalicylic**—There has been no further change in this item which is lower in the hands of resellers than from manufacturers.

**Acid, Benzoic**—Demand is good in a seasonable way with prices unchanged.

**Acid, Citric**—Demand continues good at this season with prices at figures set by domestic manufacturers.

**Acid, Diethylbarbituric**—Inquiry is on the increase with prices well maintained at recently advanced level.

**Acid, Salicylic**—Prices remain steady with market somewhat unsettled by competition.

**Acid, Tartaric**—The market for this item remains firm

with domestic prices unchanged at schedule figures and imported quoted at 27½¢@28¢ lb.

**Alcohol**—The market for denatured grades is strong and the recent situation is unchanged. Many of the large dealers have advanced their prices for the avowed purpose of discouraging buying for the moment. Schedule prices show a range unchanged since our last report. Resale lots are now within a cent and a half of schedule prices. No. 5 completely denatured in barrels is now quoted 56½¢@59½¢ gal. as to holder.

**Aloin**—No new developments have occurred in this market which is moving in a routine manner at unchanged prices.

**Amidopyrine**—Importers are higher in their ideas, stating that the price should be \$4.75@5.00 although admitting that the domestic price of \$4.60 is still met.

**Amyl Acetate**—Market continues steady at recent decline although some makers are still holding to former quotations.

**Antipyrine**—There has been no change in this situation with resellers cutting five cents under manufacturers figures.

**Bromides**—Buyers continue to exhibit only casual interest in this market as far as spot material goes, and prices remain fairly steady. Domestic producers have made no change. Imported potash is available in sizable quantities at 40¢@44¢ lb with quotations for soda and ammonia, purely nominal at unchanged prices.

**Camphor**—Stocks are strengthening with demand of a desultory nature and Japanese slabs are easy at 73¢@74¢ lb with domestic unchanged at former quotations.

**Codliver Oil**—Continued strength is reported both here and abroad, but prices are unchanged at recently announced figures. Shipment prices continue high.

**Cream Tartar**—Prices are firm and unchanged at former levels with market quiet and routine.

**Creosote Carbonate**—Market continues firm with little evident in the way of new developments and prices unchanged at former figures.

**Fused Oil**—This item continues to be very weak on the market with prices wavering at about \$2.20 for the crude although some are still asking as high as \$2.50. Refined is unchanged at former prices.

**Glycerin**—It is reported that American interests are quietly looking around in Europe for supplies of dynamite glycerin, and a somewhat weaker tendency is evident in the local market. Prices, however, are unchanged at recently announced figures.

**Guaiacol**—Keen competition has developed for the liquid and prices have been reduced to \$1.75@2.00 lb. Carbonate is unchanged at recently reduced figure.

**Haarlem Oil**—Imported oil has again declined and is now quoted at \$3.60@3.65 gross. One brand of American oil has also declined in sympathy and is now quoted at \$3.00 gross with others unchanged at \$3.25.

**Hexamethylene**—No new developments are seen in this market which is moving steadily at former prices.

**Menthol**—The spot market is well controlled and prices are unchanged at \$11.75 lb. Factors differ as to

the development of the future market but present quotations for January-March are \$8.25@8.50 with January-June shipment at \$8.00. Some believe that futures will come down while others have confidence in its continued strength.

**Mercury**—Buying in this market is exceedingly quiet and goods are obtainable at the reduced price of \$82.50 @ \$83.00 flask. Declines were also noted at London during the week.

**Methanol**—Imports of German synthetic material continue to arrive but have little tangible effect on the local market. Demand is not excessive and prices are unchanged at present levels, although reports of higher prices when demand warrants it are heard.

**Potassium Permanganate**—No change has been noted in this situation which is quiet at unchanged prices.

**Sodium Benzoate**—Activity is good with seasonal demand at about its best. Prices are firm and unchanged.

**Sodium Citrate**—Some reports were heard in the trade of decline in price for this item, but they proved to be unfounded as far as manufacturers are concerned. U. S. P. IX is named at 57c in barrels or 59c in kegs with U. S. P. VIII at 52c lb in kegs.

**Thymol**—A sudden shortage has developed and the best that can be done at the moment is \$4.00 lb, and that can be done only to regular customers. Most holders are asking \$4.10@4.25 lb.

**Zinc Stearate**—Prices are unchanged at 21c@23c lb and market is fairly strong.

#### SAY PHENOLPHTHALEIN MUST BE WHITE

Stating that phenolphthalein must be white to comply with the specifications of the U. S. P. and that to use any other kind in a drug product is to evade the Food and Drugs Act, Monsanto Chemical Works, St. Louis, makes the following announcement:

"Phenolphthalein as marketed some years ago was of a buff or yellow color, due to imperfect purification, or refining. Our attention has been directed to the reappearance of this impure product on the market, accompanied by attractive claims, but with no evidence regarding the ultimate effect on the patient. We argue that if there is any advantage in using an impure or yellow product over the white (U. S. P.) product, then the impurities responsible for the color should be isolated, studied and supplied in pure form,—if found harmless.

"There is a legal standard for Phenolphthalein and the product offered to the trade through the medium of a laxative preparation must comply with that standard (U. S. P.). To use an impure product invites prosecution under the Food and Drugs Act, state and Federal. It is the type of pure product, described by the U. S. Pharmacopoeia to which we are committed absolutely. That such U. S. P. product is both effective and safe, is indicated not only by the scientific literature, but is summarized by an authority on cathartics, Dr. Bernard Fantus, Associate Professor of Therapeutics, Rush Medical College, Chicago, in his book "Useful Cathartics," in such phrases as "It lends itself admirably to palatable administration.—There are no known systemic effects produced after absorption."

Charles S. Wehrly, vice-president of Alexander Pickering & Co., New York, branch of the English firm of this name, was married at the Little Church Around the Corner, New York, on Aug. 12, to Adelaide M. Hinrichs, of Brooklyn, N. Y. Mr. and Mrs. Wehrly are now on a two weeks tour through Canada.

#### CODLIVER OIL AND PHENOL HIGHER

**Advances Also Take Place in Potassium Chlorate, Mustard Seed, Chamomiles, Oil Citronella, Gambier and Palm Oil—Opium, Arsenic and Shellac Lower—Menthol Easier**

(Special Cable to Drug & Chemical Markets)

London, Aug. 19—Extreme dullness characterized the crude drug and fine chemical markets this week. Advances have taken place in carbolic acid, codliver oil, potassium chlorate, mustard seed, chamomiles, oil citronella, gambier and palm oil.

Japanese Mint Oil and linseed oil are firmer.

An easier tendency is apparent in menthol, oil cassia and copper sulfate.

Shellac, opium and arsenic are lower.

London, Aug. 8 (By Mail)—The drug auctions resulted in quite an active after-demand for products bought in at the time, but for which definite limits were disclosed. Apart from this and the public sale of cocoa butter, which was well supported, business has tapered off by reason of many absentees at the British Pharmaceutical Conference in Glasgow.

**Senega** has been in fair demand at rising prices in sympathy with cables from New York. Business to arrive has been done at 2s 2d c. i. f. and as much as 2s 5d per lb is now wanted.

**Bergamot Oil** continues in good demand at advancing rates up to 17s 6d on spot. Much higher figures are named for shipment ranging from 19s to 22s per lb c. i. f.

**Lemon Oil** is quieter and steady at the late advance, 5s 6d to 6s per lb c. i. f.

**Balsam Tolu** is about 6s per lb dearer at 4s 9d per lb.

**Lead, White and Red**, are again dearer following the metal; 5-ton lots for export are specially quoted. White lead in oil £48 and dry white £47 15s f. o. b.

**Carbolic Acid Crystals** are decidedly flat at 4½d per lb.

**Thymol** has weakened further to 13s 6d per lb.

**Star Anise Oil** is a firm to improving market at 3s per lb.

**Salicylates** are depressed by over competition by British manufacturers. The **Acid** could be bought in quantity at 2s per lb and **Soda Sal** at 1s 10d per lb.

**Japanese Mint Oil** is easier at 16s 9d per lb.

**Menthol** quiet at 16s 6d per lb.

Manufacturers of edible gelatin have filed a statement with the U. S. Tariff Commission declaring that the present duty of 3½c per pound plus an ad valorem duty of 20 per cent. is insufficient to adjust the differences in the cost of production of edible gelatin here and abroad. The average declared valuation of Netherlands edible gelatin for the first ten months of 1924 was 16.6c, says the petition of the Edible Gelatin Manufacturers' Research Society of America, with headquarters in New York. The ad valorem duty of 20 per cent. and the specific duty of 3½c per pound (valued at less than 40c per pound), and the freight, insurance and landing charges of approximately 1c per pound, when added to the invoice prices, give an average price of 24.42c per pound, while, with the addition of 4c for selling expenses this price reaches a total of 28.42c per pound. The domestic manufacturing cost, it is said, will be found to be more than 40c per pound. The Customs Division failed to find any undervaluation.



## The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 524-529

### MARKET HIGHER AND MORE ACTIVE

Several Items Show Advances—Better Activity in Evidence—Fall Buying Expected Soon—Lycopodium, Golden Seal, Senega and Stramonium Higher—Abnormally High Articles as Celery Seed, Larkspur Seed and Rhubarb Root Easier

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Asafetida, grd., 7c lb.	Pepper, white, 1/4c lb.	Anise, Span., 1/4c lb.	Ginger, Afr., 1/4c lb.
Balm of Gilead Buds, 2c lb.	Pimento, 1/4c lb.	Balsam, copaiba, Para, 2 1/2c lb.	Insect Powder, 1c lb.
Dill Seed, cleared, 1 1/4c lb.	Poppy Seed, Du., 1/4c lb.	So. Amer. 1/4c lb.	Ladyslipper Root, 10c lb.
Golden Seal Root, 15c lb.	Raspberries, dried, 3c lb.	Oregon fir, 5c lb.	Larkspur Seed, 25c lb.
Lycopodium, 10c lb.	Scenega Root, 5c lb.	Belladonna Root, 1c lb.	Nutmegs, 1 1/4c lb.
Mustard, 1/4c lb.	Stramonium Leaves, 1c lb.	Canary Seed, 1/4c lb.	Pepper, blk., 1/4c to 1/2c lb.
		Cantharides, Russ., Powd., 15c lb.	Pichi Leaves, 1c lb.
		Celery Seed, 2 1/4c lb.	Rhubarb Root, 3c lb.
		Fish Berries, 1/4c lb.	Sage, Gr., 1/4c lb.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, USP ....	.33	.33	.33	.39	.90	.42
Buchu Leaves, Short ....	.63	.63	.65	.75	4.00	.85
Cantharides, Russian ....	.75	.75	.75	.90	9.00	2.10
Cocculus Indicus ....	.07 1/2	.08	.08	.03	.85	.03
Ergot, Spanish ....	.48	.48	.50	.30	4.50	.54
Insect Powder, pure ....	.31	.32	.35	.48	1.00	.28
Ipecac, Cartagena, powd..	2.60	2.60	2.80	2.20	4.50	1.85
Nux Vomica ....	.05	.05	.05	.05	14 1/2	.07
Opium gum ....	12.00	12.00	12.00	9.00	30.00	5.00
Rhubarb Root, H. D. ....	.35	.38	.33	.29	1.75	.15
Tragacanth No. 1, ribbon	1.45	1.45	1.45	1.20	6.00	1.50
Wild Cherry Bk. Thin nat	.08	.08	.09	.08 1/2	.21	.07
Average .....	1.592	1.596	1.619	1.32	5.28	1.60

Greater activity is seen in the crude drug market, as evidenced by the greater number of price changes, which can be taken as of some importance. Consumer buying is still more or less in abeyance as far as the larger number of items goes but it has begun to crop up in a few cases and another two weeks should see a material increase in this phase of the situation. Some buying from consumers is already in evidence and has disclosed one or two rather embarrassing scarcities. The majority of dealers say they are well satisfied with the trading at present, which, while not much in itself, is considered good for the season.

Lycopodium seems to be firmly established above the dollar mark with golden seal more active at advanced prices. Ground asafetida and stramonium leaves are in demand and higher in price. Powdered Russian cantharides suffered a radical decline, this week, and a number of items which have been abnormally high are gradually returning to something more like their normal condition, witness celery seed, larkspur seed and rhubarb root. Insect powder also continues to weaken following the situation in the market for flowers.

Arabic Gum—Some weakness is evident in this market and some quarters are quoting amber sorts at 13 1/4c @ 13 1/2c lb although the majority are continuing to ask 13 1/4c @ 14c. Other grades are unchanged.

Asafetida—A sharp advance in the powdered was

recorded, bringing it up to 45c @ 50c lb. The gum is unchanged at 23c @ 24c lb.

Balsams—This market continues easy with declining prices noted in several instances. Copaiba, Para is now quoted at 45c @ 47 1/2c lb with the South American at 52c @ 52 1/2c; Canada fir is unchanged but Oregon fir is reported available at the reduced price of 90c @ 95c gal.; Peru and tolu balsams are unchanged at former prices.

Balm of Gilead—Firmness characterizes this situation and holders are now asking 42c @ 45c lb for the buds in bags.

Belladonna—The root is somewhat easier on the market and is now named at 14c @ 16c lb with the leaves unchanged at former prices.

Buchu—The market continues weak with offerings made at 63c @ 65c for the short leaves in bales. Long leaves are not offered.

Cantharides—Powdered Russian cantharides is sharply reduced to 80c @ 85c lb following the recent weakness in whole. That is now in a fairly firm condition with Chinese unchanged at former quotations.

Cascara Sagrada—Spot stocks of 1925 peel are now obtainable in New York at 13c @ 15c lb with older peels unchanged at former prices. Reports from the coast indicate a steadily firmer position there.

Chamomiles—Little interest is exhibited in the spot market with most holders asking 18c @ 20c for the Hungarian and 20c @ 25c for the Roman. Replacements from abroad are much above the spot prices as is the case in a number of articles.

Cinchona Bark—The red quills are reported firmer with 10-inch quill quoted at 75c lb and 20-inch quill at 85c lb. Broken is unchanged at former prices.

Ergot—Firmness abroad has as yet shown no reflection in the spot market here which is still weak at the recently announced figures. Buying interest here is slack.

Fish Berries—This market is easier at the reduced price of 7 1/2c @ 8c lb.

Golden Seal—There has been considerable inquiry for this root and the spot market firmed up to quite an extent. About the best price quoted now is \$4.65 @ \$4.75 for the whole root, with the powdered unchanged at former figures.

Insect Powder—The situation with regard to the flowers is weak and the powder has declined further to 31c @ 35c lb for the pure and 24c @ 30c for the 50 per cent. Some users of the flowers are reported to be buying up their requirements for some time ahead on the present market.

Ipecac—There was a slight revival of interest in this item but the situation remains practically at a standstill at recently announced price of \$2.35 @ \$2.45 for both kinds of root. Some material has been received but demand is sufficient to keep it moving.

Ladyslipper—This root has declined and is now obtainable at 45c @ 50c lb.

Larkspur—A gradual return toward normal is evident in this seed and stocks are now offered at \$3.00 @ \$3.25 lb.

**Lycopodium**—The holder who was offering at 95c has advanced his price in keeping with other holders and the best that can be done now is \$1.05 lb and ranges from there up to \$1.25. Little prospect of immediate relief is in sight.

**Pichi**—These leaves are easier at the reduced price of 16c@18c lb.

**Rhubarb**—The recent high prices are easing off and the high dried root is now available at 35c@37c lb with the powdered at 40c@42c lb.

**Seeds**—Spanish Anise seed is easier at 16c@16½c lb with other varieties unchanged. Moroccan canary seed is down to 8½c@8¾c lb with Spanish down to 8½@9c. Celery seed has reappeared on the market and has receded from its recent high levels being now available at 29¼c@29¾c. Cleaned dill seed is becoming scarce and is now held at 10c lb with natural unchanged. Dutch Poppy seed is higher at 10½c@11c lb with other varieties unchanged.

**Senega Root**—This root has continued its ascent and the best that can now be done is 65c@70c lb. Many believe that they will see a 75c price for this item before long.

**Spices**—The spice market continues active with a number of scarcities noted and several price changes. California brown mustard has advanced to 8¾c@9¼c lb, with English yellow up to 10¼c@11c. Nutmegs are easier at 52½c@54c lb for the 110's. White pepper is higher at 29c@30c lb with Tellecherry down to 20¾c@21c lb and Muntok to 28¾c@29c lb. Pimento has advanced to 10½c@10¾c; African ginger is easier at 15c@15¼c and Greek sage at 3c@3½c lb.

**Stramonium Leaves**—Following higher prices from abroad reported last week, the spot price has advanced to 11c@14c lb, some holders quoting the higher figure as their inside price. Demand is normal for the season.

#### PYRETHRUM SUPPLY LARGE, PRICES SAG (Special Correspondence to DRUG & CHEMICAL MARKETS)

Tokyo, Japan, July 18—The pyrethrum outlook is considered discouraging for many traders because no less than 2,200,000 kwan is available for the year, including stocks carried over from last year. At present the price is yen 3 in the absence of selling pressure, but it is believed that the farmers, who hold the largest quantity, are anxious to get rid of their stocks before the market gets weaker.

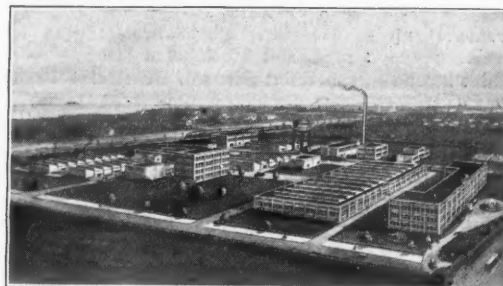
Mr. Kamiyama, president of Dai Nippon Pyrethrum Co., takes an optimistic view of the situation saying that a slump, though it falls hard upon the producers, is a forerunner of bigger business. On the first planting of the herb in Japan, Mr. Kamiyama set the export mark at a million yen. His expectations have been far surpassed. The figure rose rapidly to three million, then five million and last year the trade in pyrethrum brought Japan a return of six million yen. The increase in the business has been parallel with reduction in price due to larger supply. He expects the export figures to reach ten million yen if the price is reduced.

#### LEHN & FINK REDUCE CAPITALIZATION

Lehn & Fink, New York pharmaceutical manufacturers, announce a reduction in capital stock which now amounts to 42,000 shares, of which 5,000 shares are Class A and 7,000 shares Class B, of par value of \$100 each. The remaining 30,000 shares are common stock. no par.

#### NEW ABBOTT PLANT NEARS COMPLETION

The new plant of Abbott Laboratories, Chicago, which is being built at Waukegan, Ill., about twenty-five miles north of Chicago, is rapidly nearing completion and will be ready for occupancy about Oct. 1. The Waukegan plant is many times larger than the present laboratories in the Ravenswood section of Chicago. Altogether, the new plant is distributed over a 24-acre tract of land



owned by Abbott, giving larger buildings and improved facilities for research and manufacture, and at the same time, permitting future growth in the way of new buildings. Administrative offices of the firm will be located at the plant, and, after Oct. 1, the post office address of the firm will be Waukegan, Ill. Dr. Frederick Burdick is president of Abbott Laboratories.

#### HOSHI CO. DISMISSES 1,000 WORKERS

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Tokyo, Japan, July 18—The chemical industries in Japan are being subjected to severe strain in the present economic depression. Wages have been reduced and the number of unemployed is increasing. According to a report from the Department of Commerce and Trade the wage index number July 15 was 102.8 compared with 103.2 for May, the index number being based on the average wage of the period 1921-23. The lowest wage was recorded for the chemical industries with an index number 97.3, and in the Sandai region the wage of the chemical workers was rated at 71.

The Hoshi Pharmaceutical Co. has cut its payroll in half by dismissing 1,000 office and factory workers. The firm had previously announced that no employees would be dismissed on account of the business depression, but finally being forced to reduce the number of employees, the retirement allowance was made double that required by the Factory Law. Hoshi maintains hundreds of agencies and sub-agencies throughout Japan for the distribution of chemical products and, through the large group of men trained in the free Hoshi Commercial and Pharmaceutical School, controls many of the retail drug stores.

Druggists will be allowed the full amount of liquor they require for medicinal purposes, writes L. C. Andrews, Assistant Secretary of the Treasury, in a letter to the prohibition director of Nebraska, unless it is clearly proved that the liquor is not being used for legitimate purposes. The ruling followed a protest by E. C. Brokmeyer, attorney for the National Association of Retail Druggists on behalf of a Nebraska druggist.

Firms in the drug, chemical and allied trades are requested to fix a uniform lunch hour from 12 to 1 o'clock, beginning Sept. 15, in accordance with a referendum conducted by the Board of Trade and Transportation a majority in the trade having favored that time

## The Essential Oil Market

Current Spot Quotations of Essential Oils, pages 529-530, Aromatic Chemicals, 530

### MAKERS CUT METHYL SALICYLATE

**Drums Down to 41c—Citronella Salicylate Has Not Been Up to Normal and Stocks Are Heavy—Spear-mint Strong—Peppermint Soft and Uncertain—Pennyroyal Higher—New Stock of Expressed Limes**

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Oil Pennyroyal, 10c lb.	Oil Pimento, 50c lb.
Oil Spearmint, 25c lb.	
Declined	
Oil Bergamot, 25c lb.	Oil Limes, Express., \$1 lb.
Oil Citronella, Cey., 2c lb.	Methyl Salicylate, 2c lb.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Oil Bergamot .....	\$4.50	\$4.75	\$3.75	\$3.50	\$7.00	\$5.00
Oil Citronella Ceylor. ....	.48	.50	.53	.78	1.02	.60
Oil Cloves .....	1.90	1.90	1.85	2.10	3.70	1.40
Oil Lemon, Italian .....	1.45	1.45	1.45	.78	1.70	2.00
Oil Peppermint Nat. ....	13.00	13.00	19.00	4.10	9.00	2.24
Oil Sandalwood, E. I. ....	7.00	7.00	7.00	6.20	14.00	5.25
Oil Sassafras, Artif. ....	.27	.27	.27	.35	1.00	.36
Coumarin .....	3.10	3.10	3.10	3.25	31.00	3.10
Benzaldehyde U. S. P. ....	1.30	1.30	1.30	1.50	5.15	1.50
Methyl Salicylate, Cans ....	.45	.45	.45	.47	1.00	.85
Vanillin .....	.40 1/4	.40 1/4	.40 1/4	.40 1/4	.95	.20
Average .....	3.09	3.12	3.62	2.12	6.83	2.05

Demand for essential oils has not been quite as active during the past week, although actual routine movement of goods has been by no means small. The underlying strength of the market has apparently not been eased in any way, for the general run of prices is strong. In spite of high shipment prices for oil bergamot, the spot price has been cut slightly in some quarters. Citronella demand has not been up to normal and spot stocks are large. Prices are down again. Makers have cut methyl salicylate two cents per pound in competition. Spearmint and pennyroyal prices are higher. New stocks of expressed lime oil are offered at slightly lower prices.

#### Essential Oils

**Oil Almond**—Peach kernel holds strong at the recent advance to 55c lb. Stocks on spot are still small and tightly held. Sweet almond oil is also very firm and the price ranges from 75c up to 90c lb as to seller and quantity. Bitter almond oil \$3.00 lb U. S. P.; \$3.15 up for f. f. p. a.

**Oil Anise**—Spot oil is firmly maintained at 70c lb ranging to 75c for U. S. P. oil, according to seller and quantity. Technical oil is dull and little is heard of it. Probably 68c is in line with the market.

**Oil Bergamot**—The upward swing of prices was broken this week, following lower quotations in one or two spot quarters. Prices dropped slightly for some brands. Quotations are now held at \$4.50 lb for standard goods ranging up to \$5.25 as to brand, quantity and seller. Oil below the inside figure, of unknown quality, is obtainable on spot. Shipment is still high and strong. Best appeared to mean at least a \$5.00 market on spot. Cutting by some houses is hard to understand.

**Oil Cassia**—Spot position unchanged and steady with prices holding at formerly noted levels. Redistilled oil \$2.75@3.00 lb as to seller and quantity.

**Oil Cloves**—Strength of clove oil is still notable. Spice position firm. Distillers name \$1.90 lb for U. S. P. oil in cans, although outside oil is available at \$1.85 in limited quantities. Several factors express the belief in a \$2.00 market in the near future.

**Oil Citronella**—Although movement of stocks is not up to what it should be, supplies here are heavy. Shipment figures have been low enough to affect the spot market. Shipment position somewhat firmer, but little buying for import. On spot, Ceylon oil in drums is named at 48c, with cans two cents higher ranging upward as to sellers.

**Oil Lemon**—Based on shipment prices, spot position is just as firm as ever without change. Figures for standard goods for import are inside at \$1.30 c. i. f. which brings the cost well above the spot market. Dealers here are naming \$1.45 lb all the way up to \$1.75 as to brand and quantity and little shading is indicated.

**Oil Limes**—New lots of expressed lime oils are offering on spot and prices have dropped to \$5.00@5.50 lb. Distilled oil is still scarce and held at \$2.25 lb.

**Oil Orange**—Quiet with little doing for shipment or on spot. Prices are unrevised at \$2.60@3.00 lb for spot Italian as to brand. West Indian is held at \$2.55@2.65 lb. Demand is routine.

**Oil Peppermint**—Most houses in this market are naming \$14.00 and \$15.00 lb for spot natural oil in one and two case lots. However, and this in spite of numerous statements to the contrary from dealers in the local trade, \$13.00 lb has been done on spot for one and two case lots of natural oil. This, however, is merely a price between dealers, and consumers are paying \$14.00, \$15.00 and even \$15.50 in some cases. For redistilled oil, \$15.00 is the inside, although sales at \$14.50 have been reported. The country still names \$12.00 for shipment, but cases where they have taken less have come to light this week. The report of the Government, published in last week's "Drug & Chemical Markets," that the 1925 peppermint crop would be 300,000 or 350,000 lbs. was interesting, but the trade is wondering if the Department of Agriculture really knows anything more about the situation than the hundred and one "investigators" who have surveyed the peppermint area for private interests. The movement of goods out of the country is not rapid and several smaller factors have cut their prices for a quick sale. Lower prices look more likely than higher ones just at the moment.

**Oil Pennyroyal**—Spot prices have been moved up this week and imported pennyroyal is now inside at \$1.75 lb. Domestic goods are also quoted higher at \$2.00 lb.

**Oil Pimento**—Price shot up sharply last week to \$4.00 lb. Offers to buy a quantity at \$3.75 found no goods available at this price. Stocks are very scarce and raw material high in price.

**Oil Spearmint**—Scarce and firm. Stocks of old oil and new crop as well are said to be very small. Spot higher at \$8.25 lb inside.

**Oil Wormseed**—After recent excitement which put the price up to \$4.75 lb on spot, things appear to have



quieted down, although the market holds well and the same price is in effect.

### Aromatic Chemicals

**Benzaldehyde**—Quiet without change although makers are still reported meeting competition of imported goods where the price for the latter goes under the schedule of \$1.30 for U. S. P. and \$1.50 for f. f. c.

**Coumarin**—Steady and quiet at \$3.10 lb inside from makers or resellers. Smaller lots \$3.25.

**Methyl Salicylate**—Competition between makers has cut the price again two cents per pound and drums are now held at 41c lb works or spot. Cans in cases are 43c. Resale goods which have been selling under makers' prices, are now offered at the same levels.

### Vanilla Beans

Position has not changed although some sales have been made of spot good quality Bourbons at \$5.25 lb. Mexicans are firm at \$8.50@\$10.00. Tahitis are offered at \$5.00 spot. Demand, all in all, is very light in spite of the lower prices.

### BERGAMOT OIL HIGHER IN LONDON

The chief feature of the week is an active demand for bergamot at advancing rates. Forward prices are dearer than spot values, says "The Chemist and Druggist" for Aug. 1. Among the firmer articles are star anise oil, cassia, Ceylon citronella and clove oil. Lemon oil is quieter and cheaper; Japanese mint is the turn easier.

**Anise (Star)**—"Red Ship" on the spot has been sold at 3s per lb.; holders are inclined to increase prices to 3s. 0½d. and 3s. 1d. Limited supplies are still offered in other directions at 3s. An offer of drums at 2s. 10d. c,i,f, has been current during the week.

**Bergamot** has been in active demand with spot sales reported up to 17s. 3d. and 17s. 6d. per lb. for 37 to 39 l.a. Holders now ask from 17s. 6d. to 19s. 6d. per lb. as to brand, but small lots may still be found at less. Forward prices range from 19s. 6d. to 20s. c,i,f., and in one direction 22s. 6d.

**Lavender**—The first samples of new crop French oil have now arrived in London, and sellers ideas of value for 38 to 40 per cent. are about 240 fr. to 250 fr. per kilo (=21s. 6d. to 22s. 6d. per lb. approx.). It is doubtful, however, in view of the reports of a good yield, whether sales will be made at the price. Old crop oil, 38-40 per cent., has been selling at cheaper rates; current spot values are given at from 24s to 25s., and 36 per cent. at 21s.

Coty Inc. issue of 309,300 shares has been admitted to trading on the New York Stock Exchange. Other issues admitted are Glidden Co. \$7,190,600 prior preference stock, and 400,000 shares common of no par value; International Paper Co. \$1,450,000 cumulative preferred stock; and Continental Can Co. 4,000 shares additional common stock of no par value.

T. Fujisawa, of Osaka, reports that the condition in the American peppermint oil situation has given great encouragement to Japanese producers for the world market for their product and prices there are very firm.

Morana, Inc., will move their offices from the present address on 27th st. to 61-65 Vandam st., New York City, in the near future.

Coty, Inc., reports net income for the first quarter of 1925 of \$702,225 after taxes, and other allowances.

### QUOTE NEW ESSENTIAL OIL PRICES

(Special Correspondence to DRUG & CHEMICAL MARKETS)

London, Aug. 8—British makers are quoting new prices on essential oils as follows:

Almond Oil, Foreign S.P.A. ....	13s 3d	per lb.
Anise .....	3s 2d	per lb.
Bergamot .....	17s 6d	per lb.
Bourbon Geranium .....	17s 6d	per lb.
Camphor Oil .....	60s	per cwt.
Cananga Oil, Java .....	11s 3d	per lb.
Cassia Oil, 80-85% .....	9s 3d	per lb.
Cinnamon, Leaf .....	5s	per oz.
Citronella, Java 85-90% .....	4s 6d	per lb.
" Ceylon .....	2s 8d-2s 10d	per lb.
Clove Oil .....	6s 9d	per lb.
Eucalyptus, 75-80% .....	1s 9d	per lb.
Lavender, French, 38-40% .....	28s 6d	per lb.
Lemon .....	5s 3d	per lb.
Lemongrass .....	5s	per lb.
Orange Oil, Sweet .....	10s 9d	per lb.
Otto of Rose, Bulgarian .....	60s	per lb.
" " Anatolian .....	35s	per lb.
Palmarosa .....	13s	per lb.
Peppermint Oil, Japanese .....	18s	per lb.
Petitgrain .....	9s	per lb.
Sandalwood Oil, Mysore .....	26s	per lb.
" " Australian .....	18s 6d	per lb.

### Perfumery Chemicals

Geraniol (Palmarosa) ..... 27s per lb

Nerolin ..... 4s per lb

Vanillin ..... 21s 6d to 23s 6d per lb

No American peppermint oil supplies of good quality are available, the Wayne County grade being off the market at present. The price of lemon oil is receding. Ceylon citronella varies in price from 2s 8d to 2s 10d per pound according to quality.

### NAEF GETS ENGLISH PATENT ON FARNESOL

M. Naef & Co., (Chuit-Naef) Geneva, Switzerland, has been granted a British patent for a process covering the synthetic manufacture of farnesol, consisting in treating nerolidol with glacial acetic acid, acetic anhydride, or a mixture of acetic acid and chromium trioxide. According to Parry, farnesol is an aliphatic sesquiterpene alcohol with the formula  $C_{15}H_{26}O$ . It occurs in many essential oils. Ungerer & Co., New York, represent Chuit-Naef in the United States and Canada.

### RHODIA TO MOVE ON AUG. 22

Rhodia Chemical Co., New York and New Brunswick, N. J., will move to its main office from 89 Fulton st., to 21 Spruce st., New York, on Aug. 22. The company will have two floors, the seventh and eighth in the New York Press Club Building. The building at 89 Fulton st., which adjoins the old McKesson & Robbins building, will be torn down to make way for a twenty-story insurance structure.

V. Vivaudou, Inc., reports net profits of \$330,929 for the half year ended June 30. This is equal to 97 cents a share earned on the 340,000 shares of capital stock outstanding, against 3 cents a share earned in the same period last year. The consolidated balance sheet as of June 30 shows net current assets of \$1,251,686 and net current liabilities amounting to \$129,019, leaving the company working capital of \$1,059,667.

Calvin Hotchkiss, of H. G. Hotchkiss International Prize Medal Essential Oil Co., Lyons, N. Y., died on Thursday last at the age of 74.

# Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

**CLASSIFICATION**—Prices quoted herein are listed in the following groups: Chemicals, including heavy, technical and industrial chemicals; fine, medicinal, and photographic chemicals; coal-tar crudes and intermediates; tanning and dye extracts; dye and tan woods; naval stores; fillers and pigments; dextrans, sizes and starches; fertilizer materials, accelerators and solvents, and miscellaneous products; Crude Drugs, including barks, herbs, roots, etc. Essential oils, including oleoresins, synthetic aromatic chemicals and isolates. Fatty Oils, including animal, vegetable, and fish oils, tallows, greases, and fats. All groups are in alphabetical order.

**Packages**—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

**QUOTATIONS**—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available.

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and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

**WEIGHTS AND MEASURES**—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20 American Gallons
1 American Gallon	— .833 Imperial Gallon
1 American Gallon	—3.79 Liters
1 Liter	— .264 American Gallon
1 American Gallon (Water)	—8.35 Pounds
1 Pound (Avoirdupois)	— .454 Kilogram
1 Kilogram	—2.20 Pounds

## Chemicals

Acetaldehyde Dns. or Cyl. c/l wks D	...	.26
Acetaldehyde Dns. or Cyl. l/l wks D	.30	.35
ACETANILID, tech 150 lb bbls. D	.25	.26
100 lb kgs. D	.27	.30
USP, 200 lb bbls. D	.35	.37
Second Hands D	.35	.38
Acetic Anhydride		
85%, 107 lb chys. D	.33	.38
92-95%, 100 lb chys. D	.37	.42
CP, 100 lb chys. D	.75	.80
Tank cars, wks. D	...	.12
Acetic Ether, see Ethyl Acetate		
Acetone, CP 700 lb drs c/l wks D	...	.12
700 lb drs l/l wks. D	.13	.13 1/2
850 lb drs, l/l wks. D	...	.14
Acetone, 50 gal drums D	...	.35
Acetone Oils, light, drs. wks. gal	1.40	1.45
Heavy, drs. wks. gal	1.40	1.45
Acetophenidin, 225 lb bbls. D	1.85	1.90
Acetyl Chloride, 100 lb chys. D	.33	.35
Acetylene Tetra Bromide D	...	1.50
Acrylonitrilechloride Drums wks D	...	.12
ACID, 1, 2, 3, 4, 250 lb bbls. D	...	1.80
Acetic, 25%, 400 lb bbls., c/l wks. D	...	3.00
25%, l/l wks. D	...	2.35
55%, c/l wks. D	...	5.50
55%, l/l wks. D	...	5.55
70%, bbls., c/l wks. D	...	6.29
70%, l/l wks. D	...	7.14
80% conc. bbls., c/l wks. D	...	7.75
80% conc. bbls., l/l wks. D	...	8.08
80% pure bbls., c/l wks. D	...	8.75
80% pure l/l wks. D	...	8.87
Glacial, bbls., c/l wks. D	...	10.87
Glacial, l/l wks. D	...	10.83
Glacial, USP chys. wks. D	...	11.32
Acetylsalicylic, 225 lb bbls. D	72 1/2	.75
Second hands D	.70	.75
Ammonia, tech. drs. D	.98	1.00
90-100%, 100 lb drs. D	.98	1.00
Benzoic, tech. 100 lb bbls. D	.57	.57
Tech. ton lots bbls. D	.57	.57
USP, 100 lb bbls. D	.60	.61
Boric, crys. pond 250 lb bbls. D	...	.00 1/2
Kap, 100 lb D	.10	.10 1/2
Bromine, 250 lb bbls. D	...	1.25

ACID		
Butyric, 60% pure, 5 lb bot. D	.55	.60
90% D	.70	.75
C.P. 10 lb bot. D	1.25	1.50
Camphoric USP, VIII 1 lb bot. D	5.50	5.70
Carbolic, USP crys. see also Phenol		
112 lb tins D	.26	.27
25 lb tins D	.28	.29
5 lb tins or bot. D	.30	.32
1 lb bot. D	.35	.36
Liquid USP, 1 lb bot. D	.34	.35
Crude, 35% 50 gal. bbls. gal	.33	.35
10% 50 gal. bbls. gal	.37	.39
Carbonic, see Carbon Dioxide		
Chloroacetic		
Mono 100 lb bbls. wks. D	...	.25
DI, 150 lb chys. wks. D	...	1.00
Tri, 5 lb bot. D	...	2.50
Chloroformic, 1500 lb drs. wks. D	.15	.16
Chromic, USP, 300 lb drums. D	...	.37
85% Pure, 300 lb drums. D	...	.35
Chromotropic, 300 lb bbls. D	...	1.35
Chrysanthemic, see Chrysanthol		
Cinnamic, 5 lb case D	2.25	2.50
CITRIC, USP, crys. 250 lb bbls. D	...	.45 1/2
Powd., USP, 300 lb bbls. D	...	.46 1/2
Imported crys., 112 lb kgs D	.45	.45 1/2
Single kgs D	...	.47
Clave's, 250 lb bbls. D	.95	.97
Cresylic, 95% dark drs NY. gal	.54	.60
97-99% pale, drs NY. gal	.54	.60
Crude, spot, drums D	...	...
Diethylbarbituric, Dom. 25 lb lots	...	...
1 lb bot. D	8.00	9.00
Imp., 10 lb lots D	4.00	4.15
Formic, 85% tech. 140 lb chys D	.10	.10 1/2
90% 80 lb chys incl. D	.10 1/2	.10 3/4
Gallie, USP, 150 lb bbls. D	...	.65
Gamma, 225 lb bbls wks. D	1.30	1.36
Glycerophosphoric, 25% 1 lb bot. D	1.85	1.95
H 225 lb bbls wks. D	.68	.72
Hydrolic, 10% USP 5 lb bot D	.25	.27

ACID (Cont.)		
Hydrochromic, 45% conc. 155 lb chys. wks. D	.45	.48
45% conc., 10 chys. wks. D	...	.45
40% USP, 155 lb chys. wks. D	...	.55
10% USP, 100 lb chys. wks. D	...	.15
Hydrochloric, see also Acid Muratic		
CP, USP, 110 lb chys. D	.07	.08
Hydrocyanic, wks. c/l. D	.90	1.00
HYDROFLUORIC, 30% 400 lb bbls. wks. D	...	.06
30% 100 lb chys. wks. D	...	.08
48% single 100 lb chys. wks. D	...	.10
52% 100 lb chys. wks. D	...	.12
52% 10 chys. wks. D	...	.11
60% 100 lb chys. wks. D	...	.14
60% 800 lb dr. wks. D	...	.13
White Acid, 100 lb chys. wks. D	...	.26
White Acid, 10 chys. wks. D	...	.25
Hydroiodic, 25% 450 lb bbls. wks. D	.10	.12
Hypophosphorous, USP 30% 5 gal. dems. D	...	.35
USP, 10% 5 gal. dems. D	...	.36
LACTIC, 22% dark 500 lb bbls. D	.05 1/2	.06
22% light, bbls. D	.06 1/2	.07
44% dark, bbls. D	.11	.12
44% light, bbls. D	.13	.13 1/2
66% dark, bbls. D	.18	.18 1/2
66% light, bbls. D	.20	.27
USP, IX 100 lb chys. D	...	.70
USP, VIII 100 lb chys. D	...	.59
Lawson's, 250 lb bbls. D	.80	.85
Metanilic, 250 lb bbls. D	.60	.65
Mixed, Sulfuric-nitric		
Drums, wks. D	.07 1/2	.08
Drums wks. D	.01	.01 1/2
Tank cars, wks. D	.06	.06 1/2
Tank cars, wks. D	.008	.01
Molybdic, 85% pure 100 lb kgs D	1.25	1.30
100% C.P. 100 lb kgs. D	1.30	1.35
Monoacetic P. Delta, 50 lb tins D	1.75	1.80

Plants:—Terre Haute, Indiana and Peoria, Illinois



## Chemicals

ACID			ACID			ACID		
MURIATIC, 30° chys. lb/l			Picric, 450 lb bbls. ....	.35	.37	Tungstic, 100 lb kegs. ....	D	1.00
Wks. ....100 lb	1.60	1.70	Bbls. car lots. wks. ....		.35	Valeric C.P. 10 lb bot. ....	2.50	2.75
Chys. c/l wks. ....100 lb		1.35	Pyrogalllic, crys. 5 lb cans. ....	1.25	1.30	Acetone Alk. crys. 1 oz vis. ....	oz	30.00
Tank cars, wks. ....100 lb		1.00	Resublimed, 5 lb cans. ....	1.50	1.60	Amorphous, 1 oz vis. ....	oz	20.00
18°, 120 lb chys. ....			Tech. powd., 200 lb bbls. ....		.85	Adeps Lanase, hydrous 350 lb bbls. ....	.13	.21
c/l wks. ....100 lb		1.25	Salicylic, tech., 125 lb bbls. ....	.33	.34	Anhydrous, 350 lb bbls. ....	D	.18 : .23
Tank cars, wks. ....net ton		...	USP, 100 lb bbls. ....	.34	.35	Albumen, Egg. edible. ....	D	1.20 : 1.25
22°, 120 lb chys. ....			Second Hands. ....	.33	.34	Tech. 100 lb drs. ....	D	.95 : 1.15
c/l wks. ....100 lb		1.85	Sulfamic, 250 lb bbls. ....	.15	.18	Blood 225 lb bbl. ....	D	.48 : .65
Muriatic, CP & USP, see Acid Hydrochloric			SULFURIC, 66° 180 lb chys. ....			Vegetable. ....	D	.60 : .65
Naphtholene, tech. 250 lb bbls. ....	.55	.59	lc/l wks. ....100 lb	1.50	1.85	ALCOHOL, amyl See Fuel Oil		
Neville & Winther's, 250 lb bbls. ....	.95	.99	Chys., c/l wks. ....100 lb		1.35	Butyl 50 gal drs wks c/l. ....	D	.25 : .26
NITRIC, 36°, 135 lb			1500 lb Drums, lc/l			Drums, lc/l wks. ....	D	.25 1/4 : .26 1/4
Chys. lc/l wks. ....100 lb	4.75	5.00	wks. ....100 lb		1.10	Tank cars wks. ....	D	.24 1/4 : .25 1/4
Chys. c/l wks. ....100 lb	4.50	4.75	Drums, c/l wks. ....100 lb		.80	Ethyl, USP, 190 pf 50 gal bbls. ....	gal	4.90 : 5.00
38° lc/l chys. wks. ....100 lb	5.25	5.75	Tank cars, wks. ....net ton		14.00	Second hands. ....	gal	...
Chys., c/l wks. ....100 lb	5.00	5.25	60° 1500 lb Drums			Export. ....	gal	.60 : .65
40° lc/l chys. wks. ....100 lb	5.75	6.00	lc/l wks. ....100 lb		1.00	Anhydrous, drms c/l. ....	gal	...
Chys., c/l wks. ....100 lb	5.50	5.75	Drums, c/l wks. ....		.80	Cologne Spirit, 50 gal bbls gal	5.00	5.10
42° lc/l chys., wks. ....100 lb	6.25	6.75	Tank cars, wks. ....net ton	9.50	10.00	Denatured		
Chys., c/l wks. ....100 lb	6.00	6.25	C.F. 175 lb chys. ....	.07	.08	No. 1, complete denat. 190 pf		
C. F. chys. single wks. ....100 lb	.13	.13	Olum 20 p.e. 1500 lb drums			50 gal bbl. incl. ....	gal	.57 1/4 : .59 1/4
Genie, 300 lb bbls., wks. ....	.10 1/2	.11	lc/l wks. ....100 lb		1.40	Carlots. ....	gal	.55 1/4 : .57 1/4
Bbls., NY. ....	.10 1/2	.11	Drums, c/l wks. ....100 lb		1.15	50 gal drums extra. ....	gal	.50 1/4 : .52 1/4
Kegs, 100 lb NY. ....	.11 1/4	.11 1/2	Tank cars, wks. ....net ton	17.00	18.00	Tank cars. ....	gal	.48 1/4 : .50 1/4
Imp, 500 lb casks. ....	.11	.11 1/4	Olum, 40% drs lc/l wks. net ton		40.00	No. 1 Special denat. 190 pf		
Phenylmethanone, domestic. ....	9.30	9.60	Olum, 60% drs., lc/l wks. net ton	60.00	70.00	50 gal bbl incl. ....	gal	.56 1/4 : .59 1/4
Imported, 5 lb. ....	6.80	6.35	Sulfurous, USP 6% 100 lb chys. ....	.05	.06	Car lots. ....	gal	.54 1/4 : .57 1/4
Phosphoric, 50% tech., 150 lb chys. ....	.07	.07 1/4	4% 100 lb chys. ....	.04	.05	50 gal drums extra. ....	gal	.49 1/4 : .52 1/4
Syrup USP, 70 lb drms. ....	.15	.16	USP, 5 gal. demis. ....	.06	.08	Tank cars. ....	gal	.47 1/4 : .50 1/4
Demis. ....	.16	.17	Tannic, tech. 300 lb bbls. ....	.30	.40	No. 5, Complete denat. 188 pf		
Imported. ....	.15	.16	USP, powd. 200 lb bbls. ....	.75	.80	50 gal bbl incl. ....	gal	.56 1/4 : .59 1/4
Second Hands. ....	.15	.16	USP, suffy, 50 lb bbls. ....	.75	.80	Car lots. ....	gal	.54 1/4 : .57 1/4
Phthalic, see Phthalic Anhydride			Tartaric, USP, crys. 300 lb bbls. ....		.30	50 gal drums extra. ....	gal	.49 1/4 : .52 1/4
Picramic, 300 lb bbls. ....		.50	USP, powd. 300 lb bbls. ....		.30	Tank cars. ....	gal	.47 1/4 : .50 1/4
			Imp. USP, 240 lb bbls. ....	.27 1/4	.28	No. 6, Complete denat. 199 pf		
			Food., 240 lb bbls. ....	.23	.23 1/4	50 gal bbl incl. ....	gal	.55 1/4 : .58 1/4
			Tobias, 250 lb bbls. ....		.85	Car lots. ....	gal	.53 1/4 : .56 1/4
						50 gal drums extra. ....	gal	.48 1/4 : .51 1/4
						Tank Cars. ....	gal	.46 1/4 : .49 1/4



## - The Lacquer Finish for Automobiles

The obstacles that handicapped the perfection of lacquer finishes have been overcome in Mecco-Lite. This new, scientific finish meets every demand in the finishing of metal and wood. It is unique in its ability to impart permanent beauty and lasting protection.

With Mecco-Lite you may secure either a soft, satin finish or a brilliant gloss in every popular shade.



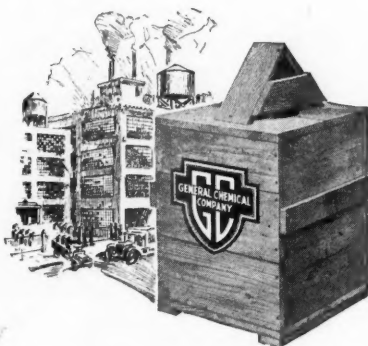
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 Rail and Water Facilities  
 110 William Street  
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(Hydrochloric Acid)

THE ability to meet an emergency is characteristic of the Company's production and traffic organization. The Company's equipment in cars, and trucks—its ability to ship from any of various plants and distributing points—its centralization of control—all work together to give the customer what he needs, on time.



*The Company's products, all of Standard Purity, include*

ALUMINUM SULPHATE	DI SODIUM PHOSPHATE	NITRIC ACID
GLAUBER'S SALT	SODIUM SILICATE	ACETIC ACID
SODIUM SULPHIDE	TRI SODIUM PHOSPHATE	Commercial, Redistilled, Pure and Glacial
ANHYDROUS	SULPHURIC ACID	INSECTICIDES AND
BISULPHITE SODA	Oil of Vitriol—Oleum—Mixed Acid—Battery Acid	FUNGICIDES

CHEMICALLY PURE ACIDS AND AMMONIA

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40 Rector Street, New York

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Los Angeles

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The Nichols Chemical Co., Ltd., Montreal

## Chemicals

### ALCOHOL (cont'd)

In addition to the regular authorized formulae for completely denatured alcohol, some 75 formulae for specially denatured alcohol are authorized for special uses. Owing to the limitations of their use however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept. of Internal Revenue.

Diacetone, 50 gal drs. fight allowed	2.15	: 2.30
Isobutyl, crude, 50 gal drs gal		: . . .
Refined, 10 lb cans		: . . .
Isopropyl, refined, 90-91%, 50 gal drs	1.00	: 1.25
Ref'd 98-99% drs	1.25	: 1.50
Propyl, nml. crd. 50 gal drs gal		: 4.40
Ref'd 10 lb cans		: .75
Aldehyde Ammonia 100 gal drums		: .93
Alcin, USP, 100 lb cans	.85	: .88
Alpha-Naphthol crude 300 lb bbls.		: .85
Refined	.85	: .90
Alpha-Naphthylamine, 350 lb bbls.	.85	: .87
Ton lots, bbls. wks.		: .35
<b>ALUM, Ammonia, lump 400 lb bbls.</b>		
wks. lc/l	3.15	: 3.50
Imp., 500 lb cans		: . . .
Ground, 400 lb bbls. wks. 100 lb	3.30	: 3.75
Powd., 380 lb bbls. wks. 100 lb	3.55	: 3.90
Chrome, 500 lb cks., wks. 100 lb	5.25	: 5.50
<b>Potash, lump 400 lb bbls.</b>		
wks.		: . . .
Bbls., c/l wks.	3.50	: 3.75
Bbls., c/l wks.	3.35	: 3.40
Ground, 400 lb bbls. wks. 100 lb	3.50	: 3.85

### ALUMS, Potash (Cont.)

Imp., 350 casks	100 lb	2.75	: 2.75
Powd., 380 lb bbls. wks.	100 lb	4.00	: 4.50
Chrome, 500 lb cks. wks.	100 lb	5.25	: 5.50
Soda grd. 400 lb bbls. wks.	100 lb	3.75	: 3.75
Bbls. c/l wks.	100 lb	8.50	: 8.50
<b>Aluminum, metal, c/l NY.</b>			
Chloride, anhyd. 275 lb drs.	100 lb	.20	: .22
Crystals, 375 lb bbls.	100 lb	.06	: .06 1/2
30% sol. 120 lb clys.	100 lb	.08 1/2	: .04
Hydrate 98% light 90 lb bbls.	100 lb	.17	: .18
Heavy 62-64%, 220 lb bbls.	100 lb	.06	: .06 1/2
400 lb bbls. wks.	100 lb	.06 1/2	: .07
Stearate, 100 lb bbls.	100 lb	.21 1/2	: .22
<b>SULFATE, Iron-free bags c/l</b>			
wks.	100 lb	2.00	: 2.10
Bbls., c/l wks.	100 lb	2.15	: 2.25
Imported, spot	100 lb	1.70	: 1.75
Comm'l. 1/2 iron bgs c/l	100 lb		: . . .
wks.	100 lb	1.40	: 1.40
Cont. bgs c/l wks. E. 100 lb	100 lb	1.35	: 1.40
Bags, c/l wks. W. 100 lb	100 lb	1.40	: 1.40
Bbls., c/l wks. East. 100 lb	100 lb	1.55	: 1.55
Bulk, c/l cont. wks. E. 100 lb	100 lb	1.50	: 1.50
<b>Amidol (see Diaminophenol)</b>			
Amidopyrine, Imp., 10 lb boxes	100 lb		: . . .
Domestic, 10 lb boxes	100 lb	4.60	: 5.00
Amtroasobenzene, 110 lb kgs.	100 lb		: 1.15
<b>AMMONIA, anhyd. 100 lb cyl.</b>			
Water, 26° 800 lb drs. wks.	100 lb		: .06 1/2
Drs. c/l wks.	100 lb		: .06 1/2
C.P., clys.	100 lb		: .12
Imp., 800 lb drs. incl. spot.	100 lb	.06 1/2	: .06 1/2
26° 100 lb clys. lc/l wks.	100 lb	.08 1/2	: .08 1/2
Clys., c/l wks.	100 lb		: .08 1/2
20° 800 lb drs. c/l wks.	100 lb		: .04 1/2
Clys., lc/l wks.	100 lb		: .05 1/2
18° 800 lb drs. c/l wks.	100 lb		: .04 1/2
Clys. lc/l wks.	100 lb		: .04 1/2

### AMMONIA (Cont.)

16° 800 lb drs. lc/l wks.	100 lb		: .03 1/2
Clys., lc/l wks.	100 lb		: .04
Ammonium Acetate, 100 lb kgs.	100 lb		: .43
Benzonate, USP, 1 lb bot.	100 lb		: 1.27
Bifluoride, 300 lb bbls.	100 lb	.31	: .23
100 lb kgs.	100 lb	.23	: .23
Bromide, 450 lb bbls., 50 lb bbs.	100 lb	.53	: .54
Imported, 112 lb boxes	100 lb		: .55
Shipment	100 lb		: .48
Carb., tech. 560 lb cans	100 lb	.08 1/2	: .09
Powd., tech. 385 lb bbls.	100 lb	.07 1/2	: .08
USP, lump, 100 lb kgs.	100 lb	.11	: .11 1/2
Powd., 100 lb kgs.	100 lb	.13	: .13 1/2
<b>Chloride, Domestic</b>			
White, 250 lb bbls., c/l	100 lb		: .07
250 lb bbls., lc/l wks.	100 lb	.07 1/2	: .07 1/2
Imported white 600 lb cks.	100 lb	.05 1/2	: .06
Gray, 250 lb bbls., wks.	100 lb	.07 1/2	: .08 1/2
Bbls., c/l wks.	100 lb		: .07 1/2
Imported gray 250 lb cans.	100 lb	.06 1/2	: .07
Lump, 500 lb casks spot	100 lb	.10 1/2	: .11
Ichthyolate, as to brand.	100 lb	4.85	: 5.00
Iodide, USP, 25 lb jars.	100 lb		: 5.20
Lactate, 500 lb bbls.	100 lb	.15	: .16
Nitrate, tech., cys., 225 lb bbls.	100 lb		: . . .
Refined Crystals, bbls.	100 lb	.21	: .23
CP gran. 100 lb kgs.	100 lb	.35	: .37
Oxalate, pure, 100 lb kgs.	100 lb	.35	: .37
Persulfate, 220 lb bbls.	100 lb	.28	: .33
Phosphate, dibasic 200 lb bbls.	100 lb		: .38
Tech. powd. 325 lb bbls.	100 lb		: .18
Phosphate, mono, 325 lb bbls.	100 lb	.12	: .12 1/2
Salicylate USP, 100 lb kgs.	100 lb	.75	: .80
Sulfate, bulk c/l	100 lb		: 2.75
200 lb double bags fas 100 lb	100 lb		: 2.75
Sulfoyanide, tech., 100 lb kgs.	100 lb	.40	: .45
CP, 25 lb jars	100 lb	.50	: .55
Amyl Acetate, tech 50 gal drs gal	2.55	: 2.60	
Refined, 50 gal drums	3.00	: 3.25	
Alcohol, see Fuel oil			



## What "GRASSELLI" Insures You

WHEN you tie up to The Grasselli Chemical Co. as your permanent supply base for Aqua Ammonia, you at once assure yourself of these definite factors—

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# AQUA AMMONIA

**GRASSELLI GRADE**  
*A Standard Held High for 86 Years*



## Chemicals

ANILINE OIL, 980D drums....D	.18	.17
Hydro Bromide .....	..	.75
Aniline Salt, 200D bbls....D	.20	.22
Anatto, fine .....	.41	.43
Anthracene 80-85% 600D casks		
wks .....	.60	.65
Anthraquinone, subl 125D bbls D	.95	1.00
Antimony metal, slabs ton lots..D	.17%	.18
Needle Powd, 100D cases ..D	.18	.18½
Bromate .....	..	1.50
ANTIMONY CHLORIDE, anhyd 1000D		
dms .....	..	.35
50D crocks .....	.45	.48
Sol'n, 130D carbons 33°..D	..	.06
Oxide, 500D bbls....D	.17½	.18
Salt, dom 500D bbls .....	.26	.27
Imp. NY .....	..	..
Sulfuret golden 500D bbls ..D	..	.16
330D kegs .....	..	.17
Crimson, 500D bbls ..D	.26	.27
336D kegs .....	.27	.28
Vermilion, 500D bbls ..D	.48	.53
336D kegs .....	.50	.52
Tartroacetate, 500D bbls....D	..	.45
Triphosphate .....	..	1.05
Antipyrine, USP, 100D cases..D	1.75	1.90
Second hands .....	1.70	1.75
Apomorphine Hydrochloride, ¼ oz. vials	..	22.10
Ardil, double 600D bbls .....	.18	.14
Triple, 600D bbls .....	.18	.17
Cone., 600D bbls .....	.18	.20
Areoline Hydrobromide, 1 oz. vial. oz	8.75	10.25
Argols, red powd., 350D bbls..D	.06½	.07
Arsenic, metal 220D kegs....D	..	.45
Red., 224D kegs cases .....	.13	.13½
White 220 lb cases to 550 lb		
bbls, NN .....	.03½	.04
Asbestine, c/1 .....	16.00	18.00
1e/1 .....	20.00	22.00
Aspirin, see Acid acetylsalicylic		
Atropine Alk, USP 1 oz vial....oz	6.50	7.50
Sulfate, 5 oz cans .....	..	3.50
Single ounce .....	..	8.85
Second hands .....	..	3.00

BARIUM BINOXIDE, see Barium chloride		
Bromide .....	..	.44
Bromate .....	..	.70
Carbonate, precip., 300D bbls		
wks .....	52.00	54.00
Precip., 200D bgs, wks, ton	50.00	52.00
Imports bags, NY .....	47.00	50.00
Chloride, 800D bbls wks..ton	61.00	63.00
200D bgs, wks .....	60.00	62.00
Imports, large crystals, bbls.,		
spot .....	58.00	60.00
Dioxide, 88% 600D dms....D	.13	.13½
Import, 86-88% 400D dms.D	.13	.13½
Hydrate, 500D bbls....D	.04½	.05
Iodide, 5D box .....	..	5.15
Nitrate, 700D casks .....	..	.10
Imports casks .....	.07½	.08
Sulfocyanide, 600D bbls....D	.30	.31
Barytes, floated 350D bbls wks ton	23.00	24.00
Imported .....	29.00	35.00
Crude, c.l.f. .....	..	9.00
Bay Rum, Porto Rico, genuine		
Medicated salicyl. acid or tartar		
45 gal. bbls .....	.88	.90
Medicated quinine sulf. 45 gal.		
bbls .....	.88	.90
Domestic synthetic, 50 gal		
Bbls .....	.75	.77
St. Thomas .....	..	..
Medicated salicyl. acid or tartar		
emetie, 50 gal. bbls .....	.90	.95
Benzaldehyde, tech. 945D dms		
wks .....	.70	.75
USP, 40D chys .....	1.15	1.30
FFC, 40D chys .....	1.40	1.50
BENZENE, 90% 8000 gal. tanks		
wks .....	.24	.26
110 gal. dms wks .....	.29	.31
Pure Tanks wks .....	.25	.28
110 gal dms wks .....	.30	.33
Benzidine Base, dry 250D bbls.D	.75	.76
Benzidine Sulfate, paste 350D		
bbls .....	.70	.72

Benzol, see Benzene		
Benzonaphthol, 5D boxes ....D	3.50	3.60
Benzoyl Chloride, 500D dms ....D	..	1.00
Benzyl Acetate 100D chys ....D	1.55	1.75
Alcohol, 5D bot .....	1.45	1.55
Benzoate, 5D bot .....	1.60	1.75
Medicinal FFC .....	1.75	2.00
Chloride, 95% tech. 925D dms.D	..	.25
100D chys .....	.25	.30
Rodistil 160D chys .....	.30	.35
Formate, 1D bot .....	3.25	3.50
Berberine Hydrochloride, 1D bot....D	..	22.50
Sulfate, acid or neut. 1D bot.D	..	22.00
BETA-NAPHTHOL, 350D bbls.wks.D	.24	.25
Carlots, wks .....	..	.23
Sublimed .....	.55	.60
Beta-Naphthylamine, tech. 200D		
bbls .....	.63	.67
Sublimed, 200D bbls .....	..	1.35
Bichloride Mercury, see Mercury Bichloride		
BISMUTH metal, 100D cases..D	..	2.95
Second Hands .....	2.90	2.95
Ammon. Citrate, USP, 5D cansD	..	5.30
Betanaphtholate, 5D bxs .....	..	3.30
Citrate, USP, 5D cans .....	..	5.75
Nitrate, 25D jars .....	..	2.00
Oxychloride, 25D bxs .....	..	3.50
Phenolamfonate, 5D cans..D	..	3.05
Salicylate, 25D bxs .....	..	1.95
Subcarbonate USP, 25D bxs ..	..	3.45
X-Ray diag 1D bot .....	..	3.80
Subgallate, USP, 25D bxs..D	..	3.80
Sublimate, 5D lots .....	..	4.55
Subnitrate, USP, 25D jars....D	..	2.75
Second Hands .....	2.50	2.75
Cones, 1D bot .....	..	3.75
Subsalicylate, USP, 25 bxs ..D	..	3.05

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## Chemicals

## NIGROTH (Continued)

above on basis 25 lb lots.		
Smaller lots at an advance.		
Tri-Bromophenol.....lb	4.00	
Blanc Fixe, dry 400 lb bbls. ton	90.00	
Imported, bbls.....ton	70.00	
Paste, 650 lb bbls.....ton	55.00	
BLEACHING POWDER, 700 lb drs.		
e/l wks.....100 lb	2.00	
Drums, 1c/l ex-warehouse.....100 lb	2.35	
Contract, e/l wks.....100 lb	1.90	
Drums, 1c/l wks.....100 lb	2.15	
Imported spot.....100 lb	1.90	
Blood, dried, f.o.b. NY.....unit	3.90	
Chicago.....unit	4.50	
S Am. shipment.....unit	4.35	
Blue Ointment, see Mercury		
Blues, bronze Chinese, Millor,		
Prussian, Soluble.....lb	.33	
Blue Vitriol, see Copper Sulfate		
Bone S & 50 gr. steam Chgo.....unit	30.00	
Raw, NY.....ton	37.00	
Bone Ash, 100 lb bags.....lb	.06	
Black, 200 lb bbls.....lb	.06	
Serax, crys. 400 lb bbls.....lb	.05 1/4	
Powdered, 300 lb bbls.....lb	.05	
Kags, 100-150 lb.....lb	.05 1/4	
Bordeaux Mixture, 16% pd. bbls. lb	.11 1/4	
Paste, bbls.....lb	.08	
Bornel, see Aromatic Chemicals		
crimstone, see Sulfur		
(Freight allowed)		
British Gum, com c/l.....100 lb	4.67	
1c/l.....100 lb	4.77	
Potatoe, 1c/l.....lb	.09	
Bromide, see potash bromide, etc.		
Bromine, bot. in 50 lb cs. wks.....lb	.45	
Bromobenzene, 600 lb drums.....lb	.60	
Bromoform, USP, 5 lb bot cs.....lb	1.85	
Bruin Alkaloid, 100 oz.....oz	.10	
Sulfate, 100 oz.....oz	.10	
Butter of Antimony, see Antimony Chloride		
Butyl Acetate, tank cars, wks.....gal	2.25	
Drums c/l wks.....gal	2.28	
Butylaldehyde, 50 gal drs.....lb	.70	

CADMIUM, metal 100 lb bxs.....lb	.70	
Bromide, 50 lb cases jars wks lb	1.15	
Iodide, 10 lb bot.....lb	4.45	
Sulfide, cs.....lb	1.20	
CAFFEINE ALK, USP 5 lb cans.....lb	3.75	
Second Hands.....lb	3.50	
Hydrochloride, 1 lb bot.....lb	6.05	
Sulfate, 1 lb bot.....lb	5.40	
Citrated, 25 lb cans.....lb	2.70	
Hydrobromide, 1 lb bot.....lb	4.65	
CALCIUM, Acetate, 150 lb bgs c/l		
100 lb.....lb	2.75	
Arsenate, 100 lb bbls c/l wks lb	.07	
Bromate, 100 lb cs.....lb	1.50	
Bromide, 100 lb cs.....lb	.60	
Carbide, 220 lb dr. c/l wks.....lb	.04 1/4	
Carbonate tech. 100 lb bags.....lb	1.00	
c/l.....100 lb	1.10	
USP, precip. 175 lb bbls.....lb	.06 1/4	
Chloride, solid, 650 lb drs. c/l		
f.o.b. wks.....ton	21.00	
Imp.....ton	19.00	
Flake, 375 lb drs, c/l drs. f.o.b.		
wks.....ton	27.00	
Anhyd, 350 lb drs f.o.b. NY lb	.18	
Glycerophosphate, 250 lb bbls.....lb	1.40	
Hydrate, see Lime		
Hypophosphite, USP, 25 lb cans lb	.60	
Iodide, 5 lb bot.....lb	4.35	
Lacate, tech, 500 lb bbls.....lb	.35	
USP.....lb	.50	
Nitrate, 220 lb bbls. c/l NY ton	50.00	
Phosphate tech. 450 lb bbls lb	.09	
Phosphate, precip. tribasic, 200 lb		
bbls, wks.....lb	.11	
Phosphate, mono, 325 lb bbls. lb	.07	
Sulfocarbolate, 100 lb kgs.....lb	.85	
CAMPBHR, Amer. ref. 350 lb		
bbls.....lb	.84	
2 1/4 lb slabs, 100 lb cs.....lb	.85 1/4	
1 lb cakes, 100 lb cs.....lb	.85 1/4	
1 oz. tab., 1 lb ctms.,		
100 lb ca.....lb	.90	

## CAMPBHR (Cont.)

Jap. ref., 2 1/4 lb slabs, 100 lb	.73	
cs.....lb	.74	
1 oz. tab., 100cs.....1 lb		
cs.....lb	.80	
1/2 oz. tab., 100 lb cs., 1 lb		
tins.....lb	.91	
Chinese ref. 2 1/4 lb slabs 100 lb		
cs.....lb	.54	
Crude, 100 lb cs.....lb	2.30	
Camphor, liniment, bbls.....gal	1.85	
Camphor, A-nobrom, 100 lb cs.....lb	.85	
Caramel, 50 gal. bbls.....gal	.50	
Carbon, 250 lb bbls.....lb	.08	
Carbon Bisulfide, 500 lb drs lcl/NY lb	.05 1/4	
c/l drums, NY.....lb	.07	
Carbon Black, c/l wks. bgs.....lb	.11	
100-300 lb cases 1/ci NY.....lb	.08	
Decolorizing 40 lb bgs c/l.....lb	.08 1/4	
90 lb drums, c/l.....lb	.07	
Carbon Dioxide, Liquid, 20-25cy. lb	.07	
Tetrachloride, 1400 lb drs NY lb	.08 1/4	
Drums, c/l NY.....lb	.07 1/2	
700 lb drs, single NY.....lb	5.00	
Carmin, No. 40, 5 lb boxes.....lb	.45	
Casein, edib, 100 lb keg.....lb	.12 1/4	
Tech. 200 lb bbls.....lb	.16 1/4	
100 mesh.....lb	.17	
Castoreum, see Aromatic Chemicals, Perfumers, Sun-		
dries		
Castor Oil, USP, 50 gal. bbls.....lb	.17	
Cases, 80 lb 2 tins.....lb	.18	
Tech, see Fixed Oils		
Caustic Potash, see potash, caustic		
Soda, see soda, caustic		
Cellulose Acetate, 100 lb cases.....lb	2.00	
Cerium Oxalate, USP 100 lb kgs lb	.35	
Chalk, drop 175 lb bbls.....lb	.03 1/4	
Precip. light 250 lb csks.....lb	.04 1/4	
Precip. heavy 560 lb csks.....lb	.02 1/4	
Bulk.....ton	5.00	
Precip. English, 7 lb bags.....lb	.08 1/4	
Precip. heavy 560 lb csks.....lb	.03 1/4	

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VARIOUS GRADES OF  
FOREIGN and DOMESTIC

HAMMILL & GILLESPIE, Inc.  
240-242 Front St.  
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106 E. Austin Ave. Tel. Central 83-19

## Chemicals

<b>CHARCOAL (Cont.)</b>			<b>Cinchonidin Sulfate, 1000m tins. on</b>			<b>Colchicine alk. USP, 1 oz. vial. ov</b>		
Wood, powd., 100 lb bbls. D	.04	.05	Resale, 1000m lots	.84	.85	Salicylate, 1 oz. vial. ....	15.07	15.07
Willow, powd., 100 lb wks bbls D	.06	.06 1/2	Cinchonine alk. powd. 100 oz. tins			Collodion USP 30 lb drms. ....	.23	.23
Chestnut, clarified, 25% tins, wks D	.01 1/4	.02	Crystal		.43	<b>COPPER metal electrolyte c/l</b>		
Bbls., wks. ....	.02 1/4	.02 1/2	Sulfate 100 oz. tins. ....		.25	NY	14.75	14.87 1/2
Powd., 60% 100 lb bags, wks. D	.05 1/4	.05 1/2	Citric Acid, see Acid Citric			Lake c/l NY	14.87 1/2	15.00
Decolorized, bags, wks. ....	.06 1/4	.07	Citric Acid, see Acid Citric			Casting, c/l NY	14.00	14.00
China Clay, Dom. ....	6.00	9.00	Coal Tar, See Tars			Carbonate 400 lb bbls. ....	.16 1/4	.17 1/4
Washed & Ground, wks. ....	11.00	15.00	Cobalt metal, 100 lb kegs. ....	2.50	3.00	Chloride, 250 lb bbls. ....	.28	.28
Imp., Filler Clay	15.00	23.00	Cobalt Oxide, 500 lb bbls. ....		2.10	Cyanide, 100 lb drs. ....	.48	.50
Coating	20.00	25.00	10 lb tins, 200 lb cases. ....		2.20	Iodide, 5 lb bot. ....	.56 1/2	.56 1/2
Chloral Hydrate, USP 100 lb drs. D	.60	.65	<b>COCAINE alk., USP, 1 oz. vial. on</b>			Oxide, red 100 lb bbls. ton lots D	.16 1/4	.17
25 lb jars	.68	.70	Hydrochloride, USP—1 oz. vials,		10.57	Sub-Acetate, verd. 440 lb bbls D	.20 1/4	.21
Chinoidin, 140 lb drs. ....		.40	25 oz. ....		8.07	<b>SULFATE crys., 450 lb bbls lc/l</b>		
Chloramine-T, 200 lb bbls ....	1.35	1.50	In 1/2 oz. vials		8.50	spot	4.70	4.80
Chlorocane, 5 lb bot. ....	.55	.65	In crystals, granular, powder,			Carlots bbls delivered 100 lb	4.45	4.50
Chlorhydrin, Ethylene anhyd. 600 lb			or flaky crystals as desired.			Carlots bbls F O B NY 100 lb	4.45	4.50
drums	.75	.85	<b>Cocoa Butter, bulk, 200 lb bales</b>			Imp. 550 lb caks spot. ....		5.80
40% soln. 100 lb cys. ....	.25	.30	c/l		.33	Powdered, 350 lb 5 bbls 100 lb		5.80
<b>CHLORINE, Liquid 2000 lb cyl</b>			Fingers, cakes, etc 12 lb bxs. D		.38	<b>Coppers, bulk, c/l wks. ....</b>		
c/l wks. ....		.04 1/4	<b>CODEINE, alk., oz. vials. 10 oz.</b>			200 lb bags, c/l wks. ....	13.00	13.00
Tank car lots, wks. Contract. ....		.04	lots		9.87	400 lb bbls, c/l wks. ....	16.00	16.00
100 lb cyl. c/l	.05 1/4	.05 1/2	Hydrochloride, 1 oz. vials, 10 oz.			Powdered, bbls. ....	1.90	2.00
100 lb cyl. lc/l wks. ....	.07	.08	lots		7.92	Sugar, 400 lb bbls. ....	1.25	1.35
100 lb cyl. lc/l ex-warehouse. D	.08	.09	Hydrochloride, 1 oz. vials, 10 oz.		7.42	<b>Cura Syrup, 42 deg. 50 gal.</b>		
Chlorobenzene, mens. 100 lb drs.			lots		7.42	bbls	3.96	3.96
wks. ....	.08	.10	Nitrate, 1 oz. vials, 10 oz.		8.87	43 deg. 50 gal bbls	4.01	4.01
Drs. c/l wks. ....		.07 1/4	Phosphate, 1 oz. vials, 10 oz.		7.42	44 deg 50 gal bbls	4.08	4.08
Tank car lots wks. ....		.07 1/4	lots		7.42	45 deg 50 gal bbls	4.15	4.15
<b>CHLOROFORM, USP, 60 lb drs. D</b>			Salicylate, 1 oz. vials, 10 oz.		7.42	<b>Corn Sugar, see Glucose</b>		
Second Hands, 650 lb drs. D	.25	.27	lots		7.42	Cotton Soluble, 100 lb bbls wet D	.40	.42
Technical, 650 lb drums		.28	Sulfate, 1 oz. vials, 10 oz. lots on		7.92	Cottonseed, Meal, 7% ....	33.00	35.00
Chlorophyll, Oil Sol. ....	2.50	2.75	Small sizes, 1/4 oz. vials, 50c extra,			Comm. 25 lb tins 100 lb D	3.10	3.25
Water Sol. ....	2.75	4.00	1/4 oz. 30c extra, singles 7c extra			Second Hands	3.10	3.25
Chromum Acetate, 20° soln. 400 lb			per oz.—25 oz lots, 10c oz. cheaper			<b>CREAM TARTAR, USP, 500 lb</b>		
bbls. ....		.05 1/4	than above. Less than 10 oz. 15c oz.			bbls	.23	.23 1/4
Fluoride, Powd., 400 lb bbls. D	.24	.26	higher than above.			Imp. powd, USP, 224 bbls ..	.21 1/4	.22
Paroma, Greens, C. ....	.26 1/4	.28	<b>CODLIVER OIL, Norwegian, 30 gal</b>			Cresote, USP, 42 lb cys. ....	.40	.42
Urea. ....	.06 1/4	.11	bbls		36.50	Carbonate, 100 lb c., 50 lb., D	1.70	1.80
Urea, yellow	.18	.20				Cresote Oil, 50 gal. drs. ....	.36	.39
Chrysarobol Powd, 400 lb bbls D	4.50	4.75				Cresol, USP, 400 lb drums. ....	.13	.20
Cinchonidin alk., powd 100 oz. tins. on		.60				Cudbear, English	.19	.20
Crystal	.65	.68						

## Röhm &amp; Haas Company, Inc.

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Chloride  
liquid  
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Cuten, Bangon, 100 lb. bales...	..	22	Divi Divi Extract	..	.04	..	nom	Ethylaniline	...	D	F2	..	.65
Borneo, 50 lb. bales...	..	.04	Divi Divi, pods bag...	ton	53.00	..	54.00	Eucalyptol, 25 lb. cans	...	D	..	..	.90
Liquid, 100 lb. bbls	..	.08 1/2	Jover's Powder, USF 50 lb. tin...	..	2.30	..	2.30	Feldspar, bulk	...	ton	20.00	..	25.00
Tablets, 100 lb. boxes	..	.13	Duboisine Sulfate, 1 cu. vi...	..	..	..	30.07	FERRIC CHLORIDE, tech. cry.	...				
Cymene, bulk c/1 whs, Amm unit	1.90	2.05	EARTH, Diatomaceous, see Kieselguhr	..	..	..	..	475 lb bbls	...	D	.05	..	.06
Imp Amm	2.00	2.30	Eg Yolk, 150 lb. cs...	..	.48	..	.50	Imported	...	D	.04 1/2	..	.05
Cyclohexanol, see Hexylene	..	..	Emetine alk., 15 gr. vi...	..	..	..	1.30	C.P. cry. 100 lb. bags	...	D	..	..	.10
Cymene, See Para-Cymene	..	..	Hydchile, USP, 1 cu. vi...	..	17.00	..	17.57	Imported	...	D	.04	..	.06 1/2
Dextrin, white corn 140 lb. bgs.	..	..	15 gr. vi...	..	..	..	.82	Neut. sol'n 42° 140 lb. clys.	...	D	.06 1/2	..	.07
c/1	..	4.53	EPSON SALT, tech. 300 lb. bbls.	..	..	..	..	46°, 140 clys.	...	D	.08	..	.08 1/2
bags 1/c1	..	4.62	NY	..	2.15	..	..	USP sol'n 125 lb. clys.	...	D	.06 1/2	..	.07
Canary	..	4.57	Bbls. c/1 NY	..	2.00	..	..	Ferrie Bromide, sol'n.	...	D	..	..	.55
bags 1/c1	..	4.62	100 lb. c/1 NY	..	1.50	..	1.75	Ferrous Bromide, sol'n	...	D	..	..	.55
Potato, 220 lb. bags 1/c1	..	.07 1/2	Imm. 220 lb. bags. c/1	..	..	..	..	Chloride, crya tech 475 lb. bbls	...	D	.05	..	.06
Yellow, 220 lb. bags	..	.07 1/2	NY	..	1.20	..	1.25	Ferrous Sulfate, 1000 lb. bbls	...	ton	2.50	..	3.00
Taplaca, 200 lb. bags, 1/L	..	.08	USP, 300 lb. bbls. 10 bbls. 100 lb.	..	..	..	2.50	Fish Scrap, dried w/s	...	unit	4.70	..	.10
DIAMINOPHENOL, 100 lb. bags...	..	3.50	Carlots, bbls.	..	2.00	..	2.25	Acid. tech. V & 2 1/2, 140 lb.	...	unit	4.90	..	.10
Diamyl Phthalate drums w/s	gal	4.00	Imported, 400 lb. bbls.	..	1.95	..	1.90	Norfolk & Balt. basls	...	unit	..	..	..
Diamelamide, 100 lb. bags	..	3.50	100 lb. bags	..	2.00	..	2.25	Fiske-Wht te, see lead white	...		..	..	..
Dibutyl Phthalate, w/s	..	.43	Ergotin, Boujean, 1 lb. jar...	..	6.00	..	6.55	Flavine, Lemon	...	D	.90	..	.95
Dibutyl Tartrate, 50 gal drums	..	.55	Keratin alk., 1 vi...	..	..	..	30.07	Orange	...	D	.85	..	.90
Dichlorobenzene, 1000 lb. drums	..	.06	Sallygate, USP, 1 cu. vi...	..	24.00	..	24.50	Fluorspar, 95% 220 lb. bags, ex-	...	ton	..	..	25.00
Dichloromethane, Drums w/s	..	.07	Sulfate, USP, VIII, 1 cu. vi...	..	17.00	..	17.50	doek	...	ton	..	..	35.00
Diethylamine, 400 lb. drs.	..	.25	ETHER, USP, 55 lb. drums	..	..	..	.16	96% bgs	...	ton	..	..	35.00
Diethylaniline, 850 lb. drs.	..	.50	Anaesthesia, 55 lb. drums	..	..	..	.19	98% bgs	...	ton	..	..	35.00
Diethyl Carbonate, drs.	gal	3.00	USP, 1880 55 lb. drums	..	..	..	.45	FORMALDEHYDE, USP 400 lb. bbls.	...				
Diethyl Phthalate, 25 lb. cans	..	.40	Washed, 55 lb. drums	..	..	..	.37	c/1 w/s	...	D	.08 1/2	..	.09
1000 drs	..	.40	Motor 1 lb. bottles	..	.30	..	.32	Carbonyl 100 lb. 1/c1 w/s	...	D	..	..	.10 1/2
Diethyl Sulfate tech. 50 gal. drs.	..	.30	Ether, Nitrous, 1 lb. bot.	..	.90	..	.95	Bbls, 400 lb. 1/c1 w/s	...	D	.09	..	.09 1/2
CF drums	..	.40	Ethyl Oxalate drums w/s	..	.45	..	.55	Formaldehyde Aniline 100 lb. drms	...	D	.40	..	.42 1/2
Digitalin, Pure, 1 cu. vi...	..	9.75	Ethyl acetate, 99% 50 gal. drs	gal	1.15	..	1.18	Formic Acid	...	D	.02 1/2	..	.03
high test	..	15.00	85% Ether, 100 gal. drs.	gal	..	..	.90	Formalin	...	D	.38	..	.40
Dimethylaniline, 540 lb. drs	..	.53	Carlots, drums	..	..	..	.85	Fuller's Earth	...	ton	300 lb. bgs	..	c/1
Dimethylamine, 400 lb. drs	..	..	Tacks Cars	..	gal	1.72							

**"STANDARDS EVERYWHERE"**

## Chemicals

Bambiter, 25% liq. 450 lb. bbls. . . . .	.14	.15
Common, 200 lb. cases . . . . .	.19%	.20
Singapore cubes, 150 lb. bags . . . . .	.60	.65
Gelatin, USP silver 100 lb. c/s . . . . .	.60	.65
Gold Label, 100 cases . . . . .	.1.00	
Technical, 100 lb. c/s . . . . .	.45	.60
Pure Food, 50 lb. bbls . . . . .	.55	.60
Sheets . . . . .	.53	.55
CLAUBER'S SALT, tech. 200 lb. bags . . . . .		
c/l wks. . . . .	1.10	1.20
le/l wks. . . . .	1.35	1.45
350 lb. bbls. c/l wks. . . . .	1.25	1.35
Bbls. le/l wks. . . . .	1.50	1.60
Imported, bags, NY . . . . .	.85	.90
USP, 300 lb. bbls. imp. sp. 100 lb . . . . .	. . .	1.35
USP, 300 lb. bbls. dom. sp. 100 lb . . . . .	. . .	1.75
USP, 300 lb. bbls. c/l wks. 100 lb . . . . .	. . .	1.40
Calcined, see Sodium Sulfate		
Glucose, (Grape Sugar) dry, 100		
70° bags, c/l NY . . . . .	3.79	4.14
Tanners' Special, 100 lb. bags 100 lb . . . . .	. . .	3.79
GLUE, pure white, bbls . . . . .	.22	.26
Medium white, bbls . . . . .	.20	.24
French, bbls . . . . .	.18	.22
High Grade, bbls . . . . .	.35	.40
Bone, regular, bbls . . . . .	.10	.12
Fish, bbls . . . . .	1.50	1.75
Hide bbls . . . . .	.14	.24
GLYCERIN, C, F, 550 lb. drums . . . . .	.19	.19%
Cans, 50 lb . . . . .	.20	.22
Dynamite, 100 lb. dr . . . . .	.18%	.19
Saponification tanks . . . . .	.13%	.14
Soap, Lye tanks . . . . .	. . .	.12%
Goa Powder, see chrysarobin		
Graphite, crude, 220 lb. bags . . . . .	15.00	35.00
Flake, 500 lb. bbls . . . . .	.05	.09
Ground, lump, bbls . . . . .	.04	.08
Guaiacol liquid, USP, 25 lb. cans . . . . .	1.25	2.00
Crystals . . . . .	4.00	4.25
Benzonate, 1 lb. bot. . . . .	. . .	13.00
Carbonate, 5 lb. boxes . . . . .	2.50	2.75
Second Hands . . . . .	2.15	2.35
HAARLEM OIL, Dom. 6 gr. cs . . . . .	3.00	3.25
Imported, 5 gr. cases . . . . .	3.60	3.85
Halazone, 5 lb. bot. . . . .	2.75	3.25

NEMATINE, Paste, 500 lb. bbls . . . . .	.09	.12
Crystals, 400 lb. bbls . . . . .	.12	.20
Hemlock, 25% 600 lb. bbls. wks. . . . .	.03%	.03%
Hemlock, bark . . . . .	. . .	20.00
Hexachlorethane Drums wks . . . . .	. . .	.45
Hexalene, 50 gal. dra. wks . . . . .	. . .	4.75
Hexamethylenetetramine, USP		
100 lb. drums . . . . .	.60	.62
Imported . . . . .	. . .	.63
Rubber Makers, Impalp. Pd . . . . .	.82%	.85
Homatropine Hydrobrom. USP 1 oz. vials . . . . .	. . .	14.50
Five ozs., 1 oz. vials . . . . .	. . .	13.50
Hydrastine Alk., USP, 1 oz. vial os . . . . .	. . .	17.07
Hydchlide, USP, 1 oz. vial . . . . .	. . .	17.07
Sulfate, 1 oz. vial . . . . .	. . .	20.07
Hydrastine Hydchlide, USP 15 gr. vials . . . . .	. . .	14.57
Hydrobenzene 100 lb. kegs . . . . .	. . .	. . .
HYDROGEN PEROXIDE, 25 vol. 400 lb. bbls . . . . .	.07	.07%
100 vol. 140 lb. chys . . . . .	.34	.37
USP Soln. 375 lb. bbls . . . . .	.04	.05
100 vol. 145 chys . . . . .	. . .	.40
USP bot. 4 oz. cans . . . . .	7.75	8.00
Bot. 8 oz. cans . . . . .	11.10	12.00
Bot. 16 oz. cans . . . . .	18.25	19.00
Hydroquinone, 100 lb. kegs . . . . .	1.40	1.50
Hyosine Hydrobrom, USP 1 oz. vial . . . . .	. . .	19.57
Five ozs., 1 oz. vial . . . . .	13.07	13.57
Hyocyanine Alk. Cryst. 1 oz. vial os . . . . .	. . .	25.07
Alkaloid, Amorphous, 1 oz. vial os . . . . .	. . .	75.07
Hydrobromide, USP, 1 oz. vial os . . . . .	. . .	35.07
Sulfate, 1 oz. vial . . . . .	. . .	25.07
Hyperic, 51° 600 lb. bbls . . . . .	.12	.15
Hyperic, chips . . . . .	.06%	.07
IODINE, crude, 200 lb. kegs . . . . .	4.21	4.23
Iodides, see Potass. Iodide, etc.		
Indigo, Macras, bbls . . . . .	1.28	1.30
20% paste drums . . . . .	.14	.15
IODINE, crude, 200 lb. kegs . . . . .	. . .	4.20
Resublimed, 10 lb. jars . . . . .	4.65	4.70

Iodine Tinct. USP, 50 gal. bbl. gal . . . . .	4.65	4.70
Carboys . . . . .	4.70	4.75
Second Hands . . . . .	4.45	4.65
Iodoform, powd., 10 lb. bot. . . . .	. . .	8.00
Crystals, 10 lb. bot. . . . .	. . .	8.05
Iridium, metal 10 oz. lots . . . . .	. . .	260.00
Iron, metal by hydrogen 1 lb. bot. . . . .	. . .	.75
IRON & AMM. CITRATE, USP 50 lb. cans . . . . .	. . .	.69
Green scales, 500 lb. c/s . . . . .	. . .	.69
Bromide . . . . .	1.10	1.22
Cacodylate, 100 lb. bot. . . . .	7.50	7.60
Citrate, USP VIII 25 lb. cans . . . . .	.94	1.01
Chloride, see Ferric or Ferrous		
Hypophosphite, 5 lb. cans . . . . .	1.55	1.60
Syrup USP 5 lb. bot. . . . .	.35	.36
Iodide, 1 lb. bot. . . . .	. . .	4.28
Syrup, USP, 5 lb. bot. . . . .	.35	.36
Nitrate, kegs . . . . .	.09	.10
Com'l, bbls . . . . .	2.50	3.25
Oxalate scales, 25 lb. cans . . . . .	.97	1.00
Oxide, red, Spanish . . . . .	.02%	.03%
English . . . . .	.10	.12
Perchloride, see Ferric Chloride		
& Ammon. Oxalate, 25 lb. bxs . . . . .	.37	.40
& Sodium Oxalate, 25 lb. bxs . . . . .	.41	.44
& Sodium Oxalate, 24 lb. bxs . . . . .	.32	.35
Phosphate, USP, 50 lb . . . . .	. . .	.68
Pyrophosphate, USP, 50 lb . . . . .	. . .	.74
JALAP RESIN, lump, 5 lb. tins . . . . .	. . .	4.00
Powd., tins . . . . .	. . .	4.65
KIESELGUNH, 95 lb. bags NY . . . . .	60.00	70.00
LANOLIN, see Adeps Lanæ		
Larch, 25%, 600 lb. bbls. wks. . . . .	.03%	.04
Powd., 100 lb. bags, wks . . . . .	.07	.08
LEAD, metal c/l NY . . . . .	.09%	.10
Acetate, white crystals, 500 lb. bbls. wks. . . . .	.14%	.15
100 to 250 lb. kegs, wks. . . . .	. . .	.15%
White, broken, bbls, wks. 100 lb . . . . .	14.25	14.75
White, gran bbls. wks. 100 lb . . . . .	15.00	15.50
White, powd. bbls. wks. 100 lb . . . . .	. . .	16.25
Brown, broken bbls wks . . . . .	.13%	.14

## YELLOW PRUSSIATE POTASH FORMIC ACID

Soda Cyanide  
Cream of Tartar  
Bleaching Powder

Sal Ammoniac  
Glauber Salts  
Bicarbonate Potash U. S. P.

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# Chemicals

## LEAD ACETATE (Cont.)

USP, 100 lb bags .....	.19	: .19%
Arsenate, 100 lb bags .....	.13	: .14
Bbls. c/l wks .....	.12 1/2	: .13
Bbls. 1c/l wks .....	.13	: .13 1/2
Paste, 100 & 600 lb bbls. ....	.08	: .09
Iodide, USP, VIII 5 lb bot. ....	2.30	: 2.40
Nitrate, 600 lb bbls. wks. ....	...	: .12
Oxide, Litharge, 500 lb bbls. ....	...	: .11 1/2
100 kgs, wks .....	.14	: .15 1/2
Oxide, red, 500 lb bbls, wks. ....	...	: .12
100 lb kgs, wks .....	12 1/2	: .18
Peroxide, 100 lb dra. ....	.25	: .30
White, basic carb. 500 lb bbls. ....	...	: .10%
100 lb kgs wks .....	.14 1/2	: .15 1/2
White sulfate 600 lb bbls. wks. ....	.21	: .22
Licorice Ext. Mass cases .....	.11	: .12
Compound powder, bbls. ....	.25	: .26
Powdered .....	.30	: .35
Sticks, 1 on 100 lb cases .....	...	: .35

## LIME, (Sales, see Calcium Salts)

Ground Stone, bags .....	...	: 4.50
Live, Bulk .....	...	: 8.50
Live, 325 lb bbls. 100 lbs. ....	...	: 1.00
Single bbl. wks .....	...	: 1.08
Hydrated, 167 lb bbl. 100 lbs. ....	...	: .85
Single bbl. wks .....	...	: .81
Oyster Shell, 150 lb bbl sing. ....	...	: .03 1/2
Sulfur, dry 200 lb dra. NY .....	...	: .08 1/2
Dra. c/l NY .....	...	: .08
33° Soln. 50 gal bbls N Y gal .....	.15	: .16
Linalool, 5 lb bot. ....	6.25	: 6.75
Litharge see lead oxide	...	...
Lithium Carb. USP, 100 lb kgs. ....	1.45	: 1.50
Bromide, 100 lb ca. ....	1.90	: 1.95
Citrate, USP, 100 lb kgs. ....	1.75	: 1.75
Iodide 5 lb bot .....	5.40	: 5.40
Lithopone, 400 lb bbls. 1c/l wks. ....	...	: .05 1/2
Bbls. c/l wks .....	...	: .05 1/2
Bag, c/l wks .....	...	: .05 1/2

## LITHOPONE (Continued)

Imported, 400 lb Bbls. ....	.05%	: .06
Litmus Cubes .....	.90	: 1.00
Logwood, 51°, 600 lb bbls. ....	.05 1/2	: .08 1/2
Lower grades .....	.07	: .08
Solid, 50 lb boxes .....	.12	: .15
LOGWOOD, sticks .....	23.00	: 27.00
Chips, 150 lb bags .....	.03	: .03 1/2
Luminal, see Phenylethylmalonylurea	...	...
Madder, Dutch .....	.27	: .35
MAGNESITE, crude .....	...	: 18.00
Calcined, 500 lb bbls. ....	...	: 48.00
Magnesium, mtl. sticks 100 lb ca. f.o.b. ....	...	: .85
Bromate .....	...	: 1.50
Carb. tech. 70 lb bags NY .....	.06 1/2	: .07
75 lb bbls NY .....	.08	: .08 1/2
USP, 100 lb bbls .....	.09 1/2	: .10
USP, blocks 100 lb ca. 1, 2, 4 ca. ....	.17	: .19
Chloride, fused 575 lb dra. c/l .....	...	: 24.00
Flaked, 350 lb dra. wks c/l ton .....	...	: 36.00
Imp. fused 900 lb bbls NY ton .....	38.00	: 39.00
Fluominate, crystals 400 lb bbls. ....	...	: .12
30% soln. 500 lb bbls. wks. ....	.07	: .07 1/2
Soln. bbls. c/l wks. ....	...	: .06
Glycerophosphate, 5 lb tins .....	3.20	: 3.25
Hypophosphite, 5 lb cans .....	...	: 1.05
Oxide, USP light, 100 lb bbls. ....	...	: .43
USP, heavy, 250 lb bbls. ....	...	: .50
Peroxide, 5 lb cans .....	...	: 2.40
Potassium, 1 lb tins .....	...	: 2.62
Salicylate, 100 lb kgs .....	.75	: .80
Sulfate see Apson Salts	...	...
Manganese Benzene, 80%, 200 lb bbls. ....	...	: .24
100 lb kgs .....	...	: .25
Chloride, 600 lb cans .....	.08	: .08 1/2
Dioxide, 80-84% 900 lb bbls. ....	...	: 30.00
NY .....	35.00	: 35.00
85-90%, 900 lb bbls. NY ton .....	35.00	: 36.00

## MANGANESE DIOXIDE (Cont.)

Hydrated, precip. 100 lb kgs. ....	.15	: .23
Glycerophosphate, 5 lb tins .....	2.90	: 3.00
Hypophos USP VIII 5 lb vans .....	1.35	: 1.40
Iodide, 1 lb bot .....	6.40	: 6.65
Ora. bulk, NY .....	.43	: .44
Sulfate, 600 lb cans, NY .....	.07	: .07 1/2
Mangrove, 55% 400 lb bbls. ....	.04 1/2	: .05
Mangrove bark, African .....	...	: nom.
Shipment .....	...	: nom.
Marble Flour, bulk .....	10.00	: 12.00
See also Calcium Carbonate	...	...
MENTHOL, USP, 60 lb cases. ....	...	: 11.25
Low case, 5 lb tins .....	...	: 12.25
Synthetic .....	...	: 8.00
MERCURY metal 75 lb flasks, flask .....	82.50	: 83.00
Low flasks, 5 lb jugs .....	...	: 1.20
Bichloride, cryst. 25 lb bns. ....	...	: 1.20
Gran. powd. 300 lb kgs .....	...	: 1.10
Bisulfate, 25 lb boxes .....	...	: 1.08
Blue Mass, 25 lb boxes .....	...	: .71
Powdered, 25 lb boxes .....	...	: .73
Blue Ointment, USP, 25 lb cans .....	...	: .94
50% .....	...	: .71
USP, dilute 25 lb cans 30% .....	...	: .80
33 1/2% Mercury .....	...	: 1.87
Calomel, 50 lb bns .....	.84	: .88
Chlorine Ointment, 25 lb jars. ....	...	: 4.10
Iodide, green 25 lb jars .....	...	: 4.20
Yod. USP, 25 lb jars .....	...	: 4.10
Yellow, USP, VIII 25 lb jars .....	2.00	: 2.04
Oxide, Yellow, USP, 25 lb bns. ....	...	: 1.43
Tech. .....	...	: 1.43
Red Precip. USP, 25 lb bns. ....	...	: 1.58
Powder, USP, 25 lb bns. ....	...	: 1.59
White Precip. USP, 25 lb bns. ....	...	: 1.64
Powdered, USP, 25 lb bns. ....	...	: .71
With chalk, USP, 25 lb bns. ....	.73	: .77
Meta-Nitroaniline .....	...	: 1.90
Meta-Nitro-para-Toluidine, 300 lb bbls .....	1.90	: 2.00

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NORWEGIAN  
CALCIUM NITRATE  
SODIUM NITRATE  
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OXALIC ACID  
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Fabriek van Chemische Producten  
Schiedam, Holland

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Manufacturers

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New York



## Chemicals

<b>Meta-Phenylenediamine, 300 lb</b>			<b>MORPHINE (Cont.)</b>			<b>Nitrobenzene, crude, 1000 lb drs.</b>		
bbls	.....lb	.85 : .90	acetate, 5 ca. tins 10 ca. lots	.....	7.35	wks	.....lb	.09 : .09½
<b>Meta-Toluylenediamine, 300 lb</b>			hydrobromide, 5 ca. tins 10 ca.	.....	7.35	Redistilled, 1000 lb drs. wks	.....lb	.09½ : .10½
bbls	.....lb	.73 : .77	lots	.....	7.35	Nitrogenous Material	.....unit	3.60 : 3.65
<b>METHANOL (Wood Alcohol)</b>			Hyochloride, 5 ca. tins 10 ca.	.....	7.35	Nitronaphthalene, 550 lb bbls	.....lb	.20 : .21
98% tanks	.....gal	.55	lots	.....	7.35	Nitrotoluene, mixed 1000 lb drs.	.....lb	.14 : .15
Drums, c/l	.....gal	.58	stryl Hyochloride, ¼ ca. vls. 10	.....	8.85	<b>Nuts, see Crude Drugs</b>		
Drums, lc/l	.....gal	.60	Small Sizes, ¼ ca. vls. 50c extra.	.....		Oak bark, whole	.....ton	20.00 : 23.00
97% tanks	.....gal	.57	¼s 25c extra; single ca. vls. 7c extra,	.....		Ground	.....ton	45.00 : 50.00
Drums, c/l	.....gal	.60	over price for 8 ca. tins. 25 ca.	.....		Oak, tanks, wks	.....lb	.03 : .03½
Drums, lc/l	.....gal	.62	lots in 5 ca. tins, 10c ca. lower than	.....		23-25% liq. 600 lb bbls wks	.....lb	.04½ : .04¾
Pure, Acetate free, tins	.....gal	.65	above schedule. Less than 10 ca. lots	.....		Solid, powd	.....lb	.07½ : .08
Drums, c/l	.....gal	.67	15c ca. higher than above schedule.	.....		Ochre	.....lb	.03 : .03½
Drums, lc/l	.....gal	.70		.....		<b>Oil Fuel, see Fuel Oil</b>		
Bbls. incl. 6c higher	.....		Musk Ambrette, 1 lb cans	.....lb	10.50 : 11.75	<b>OIL MINERAL, wh, 50 gal bbls gal</b>		
U. S. denat. grd tanks	.....gal	.57	Myrobalans, 25% liquid bbls	.....lb	.03½ : .04½	Russian	.....gal	.80 : 1.05
Drums c/l	.....gal	.60	50% solid, 50 lb boxes	.....lb	.08 : .08½	<b>Oil Mirbane, see nitrobenzene</b>		
Drums lc/l	.....gal	.62	Imported	.....lb	.06½	Optium, see crude drugs	.....	
Methyl Acetone, 100 gal drums	.....gal	.83 : .85	Myrobalans, bags J1	.....ton	58.00 : 65.00	Orange Mineral, 1100 lb casks NY lb	.....	.14½
Tanks, cars	.....gal	.80	R2	.....ton	nom	700 lb bbls, NY	.....lb	.14½
Chloride, 90 lb cyl.	.....gal	.50 : .55	J2	.....ton	55.00 : 58.00	Ortho-Aminophenol, 50 lb kegs	.....lb	2.15 : 2.25
Salicylate, USP, 50 lb cans	.....lb	.43	<b>NAPHTHA, See Solvent Naphtha</b>			Ortho-Anisidine, 100 lb drs	.....lb	2.75 : 3.00
500 lb drums	.....lb	.41	<b>NAPHTHALENE, Flake. 175 lb bbls</b>			Ortho-Dichlorobenzene, see Dichlorobenzene	.....	
Methylene Blue, tech. 100 lb kgs	.....lb	1.30 : 1.50	wks	.....lb	.05 : .06½	Ortho-Nitrochlorobenzene, 1200 lb	.....lb	.32 : .35
USP, medicinal 5 lb cans	.....lb	2.10 : 2.15	Bbls, c/l wks	.....lb	.04½ : .05	Ortho-Nitrophenol, 350 lb	.....lb	.90 : .95
Miehler's Ketone, 225 lb bbls	.....lb	3.00 : 3.35	Bbls, second hands NY	.....lb	.04½ : .04¾	Ortho-Nitrotoluene, 1000 lb drs.	.....lb	.20 : nom.
Milk, powd. 150 lb bbls	.....lb	.14 : .15	Bbls, c/l wks	.....lb	.05½ : .06	Ortho-Toluidine, 350 lb bbls	.....lb	.25 : .27
Milk Sugar, see sugar of milk	.....		Bbls, second hands NY	.....lb	.05½ : .06	Osage Orange, 51° liquid	.....lb	.07 : .07½
Milk Oil, see oil mineral	.....		Crude, chipped, bgs. wks	.....lb	.01½ : .02	Powd., 100 lb bags	.....lb	.13½ : .14
Mineral Rubber	.....ton	35.00 : 75.00	Crude, imp. bags	.....lb	.01½ : .02	Crystals	.....lb	.16 : .17
Monobromobenzene See Bromobenzene	.....		<b>NICKEL</b>			Oxalyl, USP, 5 lb bot.	.....lb	1.75 : 2.50
Monocetone, 50 gal drums	.....lb	.46 : .50	Ingot, 100 lb gels	.....	.34	Purified, 5 lb bot.	.....lb	2.00 : 2.50
Monochlorobenzene, see chlorobenzene	.....		Chloride, bbls, kegs	.....lb	.22 : .24	Crude, 5 lb bot.	.....lb	1.00 : 1.35
Mining Salts Drums wks	.....lb	.23	Salt, single 400 lb bbls, NY	.....lb	.09 : .10	<b>PALLADIUM, metal 10 ca. lots</b>		
Monethylamine, 906 lb drs	.....lb	.70 : .80	Double, 400 lb bbls, NY	.....lb	.10 : .11	Pancratin, USP, 5 lb bot	.....lb	2.25 : 2.50
Monomethyl paramorphol sulfate,	.....		Oxide, 100 lb kegs, NY	.....lb	.38 : .40	Papain, 10 lb bot. USP, Powd.	.....lb	2.75 : 3.25
100 lb drs.	.....lb	2.95 : 4.30	Sulfate, 450 lb bbls	.....lb	.09 : .10	Crude, 150 lb cases	.....lb	2.30 : 2.40
MORPHINE Sulfate, USP 5 ca. tins	.....		Nickel Metal, electrolytic	.....100 lb	31.00 : 32.00	Paraffin, ref'd 200 lb ca. slabs	.....lb	.06½ : .06¾
10 ca.	.....oz	7.35	Nicotine, Free 40%. 8 lb tins	.....lb	1.40 : 1.85			
			Sulfate, 10 lb tins, 40%	.....lb	1.10 : 1.35			
			<b>NITRATE SODA, spot. See Sodium Nitrate</b>					
			Nitre Cake, bulk wks	.....ton	4.50 : 5.50			
			500 lb bbls	.....ton	13.00 : 14.00			

## MORE TIME

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International Salt users, by specifying this famous product, find themselves relieved of worry and the loss of valuable time. The quantity of International Salt is always top grade, for the refining facilities are models for the industry. And the reputation of the huge organization behind International Salt is a guarantee of satisfaction.



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**INTERNATIONAL  
SALT COMPANY, Inc.**

NEW YORK OFFICE  
2 RECTOR ST.

## Chemicals

## PARAFFIN (Cont.)

138-133 Deg. M. P. ....	D	.07%	.07%
133-137 Deg. M. P. ....	D	.08	.08%
138-140 Deg. M. P. ....	D	.08%	.09

Para-Aminocetanilid, 100 lb  
kgs

Para-Aminophenol, 100 lb kgs

Hydrochloride, 100 lb kgs

Para-Dichlorobenzene, 150 lb bbls

vis

25-50 lb kgs

Paraldehyde, USP, 100 gal drs

Tech

Para-Cymene, Refd., 110 gal drs

Paraformaldehyde, USP, 100 lb cs

Para-Nitrocetanilid, 300 lb

bbls

PARA-NITROANILINE, 300 lb bbls

vis ton

Para-Nitrochlorobenzene, 1200 lb drs

vis

Para-Nitro-ortho-Toluidine, 300 lb

bbls

Para-Nitrophenol, 185 lb bbls

Para-Nitrodimethylamine, 120 lb

bbls

Para-Nitrobenzene 350 lb bbls

Para-ox Benzaldehyde, 100 lb

kgs

Para-Phenol, 500 lb drs

Para-Phenylenediamine, 350 lb

bbls

Para-Toluene-Sulfonamide, 175 lb

bbls

Para-Toluene-Sulfonchloride, 410 lb

bbls vis

Para-Toluidine 350 lb bbls vis

PARIS GREEN

Arsenic Bate, 500 lb kgs

Kgs, 100 lb

Kts, 56, 38, 14 lb

## PARIS GREEN (Cont.)

Packages, 5 and 2 lb. ....	D	.33	.34
Packages, 1 lb, ½ lb, ¼ lb. ....	D	.35	.36

Paris White, see whitening, French

Pepsin, USP, 5 lb bot. 1:3000

1:6000 bottles

1:10,000 bottles

Peptone, powd., 5 lb

PETROLATUM, green 300 lb bbls

Dark Amber, 300 lb bbls

Light Amber, 300 lb bbls

Cream White, USP 300 lb bbls

Snow White, USP, 300 lb bbls

Idly White, USP, 300 lb bbls

Phenol, see also carbolic

Makers, 950 lb drums, spot

Small drums, 240-100 lb

Open market drums

240 lb drs vis

Natural, 240 lb drs vis

Phenolphthalein, USP, 100 lb drs

5 lb cans, 100 lb lots

Phenyl-Alpha-Naphthylamine 100 lb

kgs

Phenylethylalcohol, 1 lb bot. Dom

Imported

Phenylethylmalonyurea, ca. pls.

Phosgene, 100 lb cylinders

Phosphate Acid, 16% Bulk wham

Phosphate Rock, f.o.b. mines

Florida Pebble, 68% .....

Florida Pebble, 70% .....

Florida, 72% .....

Florida Pebble, 75-74% .....

Tennessee, 72% .....

Phosphorus Oxide, 175 lb cyl

Phosphorus, red 110 lb cs

Yellow, 110 lb cs vis

Imported, 115 lb cs vis

Phosphorus Trichloride, 175 lb cyl

vis

Phthalic Anhydride, 100 lb bbls

vis

PILOCARPINE HYDROCHLORIDE, USP 25 oz

lots, 1 oz. vials

Nitrate, 25 oz

Single, oz.

Alkaloid, 15 gr. vis

Pine Oil, stm. dist. bbls

Destructive dist.

Piperazine Hydrate, 1 lb bot

Piperidine, 25 oz

Pitch, Coal-Tar, vis

Pitch, prime

Plaster Paris, best 350 lb bbls

True Dental, 300 bbls

Platinum, metal soft 10 oz. lots

Podophyllin, 5 lb bot

Second Hands

POTASH SALTS, rough

Pot. Murate, basic, 80% bps, ton

Pot. Sulfate, basic, 90% bps, ton

Pot. & Mag. Sulfate, basic 48%

bps

Masure Sals, basic, 30% bulk ton

Masure Sals, basic, 20% bulk ton

Kalmit, basic, 12.4% bulk ton

Bulk in bags, \$2.00 extra

Prices c.i.f. Atlantic & Gulf Ports

Discounts, 50 tons. 5%; 500 tons 10%

POTASH, CAUSTIC, solid 88-92%

700 lb drs vis

Imp, 88-92% 700 lb drs NYB

USF, by alcohol 5 lb cans

cans

POTASSIUM Acetate, USP, 100 lb

kgs

Second Hands, kgs

Bicarbonate, crys. 320 lb bbls

Bichromate crys., 900 lb cans

Powd., 900 lb cans, vis

Stromalate, 300 lb bbls

Import, 112 lb bbls

Alfred W. Jenkins William A. Stopford Schuyler L. Parsons

## PARSONS &amp; PETIT

Established 1857

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The Salzbergwerk Neu-Stassfurt  
in United States  
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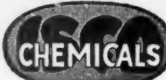
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Acids	Saltpeter	Caustic Potash
Arsenic	Empty Drums	Nitrate of Soda
Pig Lead	Olive Oils	Phosphate Rock
Soda Ash	Blue Vitriol	Carbonate of Potash
Castor Oil	Caustic Soda	Sodium Bicarbonate
Glycerine	Sulphur Oils	Sulphate of Ammonia
	Crude and Refined Sulphur	

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Materials of All Kinds

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1925

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BLEACHING POWDER

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Murphyboro, Ill.  
Owego, N. Y.

## Chemicals

## POTASSIUM (Cont.)

Bisulfate, C.P., 5 lb cans.....lb	...	.30
100 lb kegs.....lb	...	.22
Bromate, 100 lb cs.....lb	...	.85
<b>BROMIDE, USP, cryst., 450 lb</b>		
bbles.....lb	.48	.49
Granular, 300 lb bbles.....lb	.48	.49
Cans, 100 lb.....lb	...	.80
Imported, USP, 220 lb cs lb	.43	.44
Shipment.....lb	...	.43 1/4
<b>CARBONATE, 80-85% calc.</b>		
800 lb cks.....lb	.05 1/4	.06
80-85% hydrated, 800 lb	...	...
cks.....lb	.05 1/4	.06
90-95% calc. casks.....lb	.06	.06 1/4
98-98% calc. casks.....lb	.06 1/4	.06 1/4
99% calc. casks.....lb	...	.07 1/4
USP, 100 lb kegs.....lb	.10 1/4	.11
99% C.P., casks.....lb	...	.12 1/4
<b>Chlorate, crys., 112 lb kgs. c/l</b>		
whs.....lb	.08 1/4	.09
Imp. 112 lb kegs NY.....lb	.08 1/4	.08 1/4
Powd., 112 lb kegs, whs.....lb	.08 1/4	.09
Imp. kegs NY.....lb	.08 1/4	.08 1/4
Gran. Imp. 112 lb kgs NY.....lb	.10 1/4	.11
Pyrotechnic, lne powd. NY.....lb	...	.07
USP, fine crys. 110 lb kegs	.14	.15
NY.....lb	...	...
Chloride, crys bbles.....lb	.05 1/4	.05 1/4
Citrate, USP, 50 lb.....lb	...	.80
Cyanide, 110 lb cases.....lb	.55	.58
Glycerophosphate, 75% Soln. 25 lb	...	...
tins.....lb	1.85	1.50
Granular Sulfonate, 5 lb cans	...	...
10 lb.....lb	2.00	2.25
Hypophosphite, 10 lb cans.....lb	.80	.85
Iodide, USP, 100 lb cases.....lb	3.45	3.50
Leachophosphate, 4 oz bot cs	...	.90
Metalbisulfite, 300 lb bbles.....lb	.10	.11
Imp., 550 lb bbles.....lb	.09	.10

## POTASSIUM (Cont.)

Muriate, 80%, 200 lb bags, NY	...	...
K <sub>2</sub> O unit.....lb	...	.63
<b>Nitrate, see Saltpetre</b>		
Oxalate, neutral 100 lb kegs.....lb	...	.25
Perchlorate, 112 lb kgs. Mc-Apr. lb	.11	.13
<b>PERMANGAN, USP, crys. 500 lb</b>		
& 100 lb drs., whs.....lb	.15	.16
Imp. 113 lb drs.....lb	.14 1/4	.15 1/4
Prussiate, red, 500 lb casks.....lb	.36	.37
Prussiate, yellow, 500 lb casks lb	.18	.18 1/4
<b>Sulfolate, 25 lb cans.....lb</b>		
Sulfate, 200 lb bags NY K <sub>2</sub> O unit	...	.85
USP, VIII 100 lb kegs.....lb	...	.15
Sulfocyanide, CP 25 lb jars lb	...	.50
Tartrate, neutral, 100 lb kegs lb	...	.51
Titanium Oxalate, 200 lb bbles lb	...	.21
Pumice Stone, lump, 250 lb bbles lb	.04 1/4	.06
Lump, bagds.....lb	.04	.05
Powdered, 350 lb bbles.....lb	.02 1/4	.03
Pyridine, 50 gal drums.....gal	...	4.70
Quebracho Bark.....ton	...	120.00
<b>QUEBRACHO, 35% liquid ths.....lb</b>		
450 lb bbles.....lb	.03	.03 1/4
35% bleaching, 450 lb bbles.....lb	.03 1/4	.04
Solid 65%, 100 lb bales.....lb	.04 1/4	.05 1/4
Clarified, bales.....lb	...	.05
Quercitron, 51%, 450 lb bbles.....lb	.06 1/4	.08
Solid, 100 lb boxes.....lb	.10	.13
Quercitron bark, rough.....ton	...	14.00
Ground.....ton	34.00	35.00
<b>QUICKSILVER, see Mercury</b>		
Quinidine ALK. 100 oz. tins.....oz	.70	.75
Sulfate, 100 oz. tins.....oz	...	.50
<b>Quinidine, see Chinoidin</b>		
<b>QUININE SULFATE, USP.</b>		
American 100oz tins.....lb	...	.50
1 oz. tins, 100oz lots.....oz	...	.57
Dutch 100 oz. tins.....oz	...	.50

## QUININE SULFATE, USP.

Java, 100 oz. tins.....oz	...	.50
Japanese, 100 oz. tins.....oz	...	.50
<b>resale</b>		
Acetate.....oz	...	.47 1/4
Arsenate.....oz	...	.88
Benzoate.....oz	...	.88
Bisulfate, USP.....oz	...	.45
Citrate.....oz	...	.62
Dihydrochloride, USP.....oz	...	.66
Dihydrochloride, USP.....oz	...	.66
Dicarbonate, 12 oz. tins.....oz	...	2.50
Ethyl Carbonate, 16 oz. tins.....oz	...	.70
Ferrocyanide.....oz	...	.88
Formate.....oz	...	.85
Glycerophosphate.....oz	...	.88
Hydriodide.....oz	...	.88
Hydrobromide, USP.....oz	...	.62
Hydrochloride, USP.....oz	...	.62
Hydrochlorosulfate.....oz	...	.66
Hydrochloride & Urea, USP.....oz	...	.88
Hypophosphite.....oz	...	.88
Lactate.....oz	...	.78
Phenolmulfonate.....oz	...	.88
Phosphate.....oz	...	.74
Salicylate, USP.....oz	...	.63
Tannate, USP.....oz	...	.45
Tartrate.....oz	...	.88
Valerate.....oz	...	.89

Small Sizes: 1oz vials or cans,  
50oz. lots, 5c on extra; 5oz. cans,  
50oz. lots 2c on extra; 25oz. cans,  
50oz. lots, 2c on extra; single 1oz.  
vials or cans, 5c extra. All minor  
quinine salts sold and quoted basis  
100oz lots in 100oz cans. Sulfate  
and bisulfate sold basis 100oz.  
lots in 100 oz cans. Smaller orders  
or containers extra as above  
schedule.

# SOLDEN Brand 99.99+% Pure PHTHALIC ANHYDRIDE

Highest quality obtainable.

Guaranteed uniform purity.

Long needle crystals.

Packed in paper lined, wooden barrels.

Prices on application.

## THE SELDEN COMPANY

Pittsburgh, Pa., U.S.A.



## Chemicals

Quinone, 100 lb bags .....	1.75	: 2.25
Red Lead, 250 bbls, wks .....	.45	: .47
Red Lead, see lead oxide		
Red Precipitate, see mercury		
Resorcinol, N.F., 5 lbs. (1:25,000) ..	2.95	: 3.50
Resorcinol, see resorcinol		
Resorcinol, tech., 100 lb bags ..	1.30	: 1.35
USP, 25 lb cans .....	2.25	: 2.35
Rochelle Salt, USP, 225 lb bbls ..	.20	: .20 1/2
Imp. USP, 300 lb bbls .....	.19	: .19 1/2
Rosewater, triple, 5 gal. demis. gal.	.85	: .90
Sodium, (Sold in 600 lb bbls, gross for net.)		
B .....	280 lb	11.00
D .....	280 lb	11.05
E .....	280 lb	11.10
F .....	280 lb	11.10
G .....	280 lb	11.15
H .....	280 lb	11.15
I .....	280 lb	11.15
J .....	280 lb	11.15
K .....	280 lb	11.20
M .....	280 lb	11.20
N .....	280 lb	11.60
WG .....	280 lb	13.40
WW .....	280 lb	14.60
(Sold in 600 lb bbls net, quotations based on a unit of 280 lb)		
Rosin Oil first run, 500 gal ..bbls	.56	: .58
Second run, bbl .....	.59	: .61
Rotten Stone lump imp bbls ..	.07	: .08
Lump selected, bbls .....	.09	: .12
Powdered bbls .....	.02	: .05
Domestic, bags mine .....	24.00	: 30.00
SACCHARIN, USP, 10 lb cans, 25 lb		
Soluble, USP, 10 lb cans, 25 lb ..	1.75	: 1.85
Sago, Flour, 150 lb bags .....	1.75	: 1.85
Salt Ammoniac, see Ammon. Chloride		
Salt Soda, see Sodium Carbonate		
Sulphur, USP, 1 lb cartons, 25 lb ..	5.00	: 5.25
Sulphur, USP, 100 lb drums .....	.80	: .90
Salt, Common, see sodium chloride		
Salt Cake, c/l f, c, b, wks.....ton	17.00	: 20.00

## SALTPETRE, Double Refined

Granular, 400-500 lb bbls.		
c/l wks .....	.06 1/2	: .06 1/2
Less c/l wks, bbls .....	.06 1/2	: .06 1/2
Large Crystals, 350-400 lb bbls.		
c/l wks .....	.07	: .07
Triple refined, Granular, 350 lb		
bbls 1/c/l .....	.06 1/2	: .06 1/2
Powdered, bbls c/l wks .....	.07 1/2	: .07 1/2
Imported, 500 lb bbls. NY.....	.06 1/2	: .06 1/2
Santonin, USP, 1 lb bot.....	155.00	: 160.00
Powd. 1 lb bot .....	155.00	: 160.00
Saponin, refined, 5 lb tins.....	.125	: .125
Satin White, 600 lb bbls.....	.81	: .81
Schaeffer's Salt, 250 lb bbls.wks..	.80	: .85
Scopolamine, see bromine		
Sellite Mixture, 225 lb bbls.....	.16 1/2	: .16 1/2
SILICA		
Crude, bulk, mine .....	8.00	: 7.00
Refined, flaked, bags .....	18.00	: 30.00
Air flaked, bags .....	32.00	: 50.00
Extra, flaked, bags .....	55.00	: 65.00
Colloidal, 100 lb bot.....	.30	: .30
SILVER metal, American oz.....	.69	: .69
Silver Iodine, 16 oz bot.....	.60	: .60
Nitrate, 16 oz bot .....	.47	: .47
Nucleinate, 1 oz bot .....	.39	: .45
Protein, 1 oz bot .....	.39	: .45
Bulk .....	.40	: .40
Soap, Castile, 40 lb bbls.....	.30	: .30
Powd. USP, 250 lb bbls.....	.28	: .30
Green, USP, 150 lb bags.....	.07 1/2	: .08 1/2
Soapstone, see Talk. crude		
SODA ASH, 58% light		
1-4 bags, deliv'd NY.....	2.19	: 2.19
5 & Up bags deliv'd NY.....	2.04	: 2.04
1-4 bbls, deliv'd NY.....	2.44	: 2.44
5 & Up bbls deliv'd NY.....	2.29	: 2.29
Contract, Basis 58% bags c/l		
wks .....	1.33	: 1.33
Prompt and spot, Basis 58% bags		
c/l wks .....	1.43	: 1.43
Contract, Basis 58% dense bags		

## SODA ASH (Cont.)

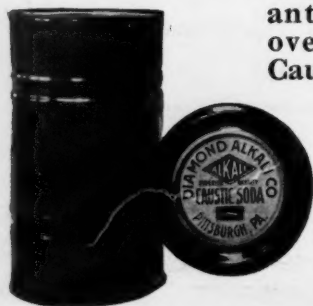
c/l wks .....	1.45	: 1.45
Prompt and spot, Basis 58% bags		
c/l wks .....	1.50	: 1.50
SODA, CAUSTIC, 76% solid		
1-4 drums deliv'd NY.....	3.91	: 3.91
5 & Up drums deliv'd NY.....	3.76	: 3.76
Ground & Flake, 76%		
1-4 drums, deliv'd NY.....	4.31	: 4.31
5 & up drs deliv'd NY.....	4.16	: 4.16
1-4 bbls deliv'd .....	4.56	: 4.56
5 & up bbls deliv'd .....	4.41	: 4.41
Contract, Basis 76% c/l wks		
Prompt and spot, Basis 76%		
c/l wks .....	3.20	: 3.20
Contract 74% low grade c/l		
wks, flat .....	3.03	: 3.03
Ground & Flake, 76% prompt and		
spot, wks, c/l drs.....	3.60	: 3.60
Contract 76% drums c/l wks		
flat .....	3.50	: 3.50
USP, stick, 10 lb cans.....	.19	: .21
Pure, stick, by alcohol .....	.25	: .27
Soda Sal. see Sodium Carbonate		
Sodium Metal, 12 1/2 lb bricks ..	.27	: .27
SODIUM ACETATE, crys. 450 lb bbls.		
wks .....	.04 1/2	: .04 1/2
Aluminate 500 lb bbls wks ..	.07 1/2	: .08
Aluminum Sulfate, see alum. soda		
Arsenite, 4 lb mat, wks drums gal	.50	: .60
Drums, 8 lb material, wks gal	1.00	: 1.20
Bismuth, USP, 100 lb bbls.....	.51	: .55
Bismuth, 400 lb bbls, NY.....	2.25	: 2.25
Bbls c/l wks .....	2.00	: 2.00
112 lb bags, wks .....	2.25	: 2.25
112 lb bags NY .....	2.50	: 2.50
Bismuth, 600 lb cans wks.....	.06 1/2	: .07
Chalk c/l NY .....	.06 1/2	: .07
Chalk, NY .....	.06 1/2	: .06 1/2
Bismuth, dry powder, 500 lb		
bbls. wks .....	.04	: .04 1/2
Imported .....	.03 1/2	: .03 1/2

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Solvay Snowflake Crystals  
(Trademark Registered)  
Solvay Laundry Soda  
Solvay Cleansing Soda  
Solvay Tanners Alkali  
Solvay Tanners Soda  
Solvay Liquid Caustic Soda  
Solvay Calcium Chloride 73%—75%



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## Chemicals

## SODIUM—(Continued)

BROMIDE, USP, 450 lb bbls..D	.48	: .49
Cases, 50 lb .....	.48	: .49
Imp. USP, 220 lb cases ..D	.47	: .48
Bromate, 100 lb ca. ....D	...	: 1.15
Cacodylate, USP, 35 lb .....		
5 lb bot .....	5.90	: 6.35
Carbonate Sal Soda 350 lb bbls.		
lc/l NY .....	1.30	: 1.35
Works c/l .....	1.10	: 1.30
Monohydrate, 400 lb bbl.		
lc/l NY .....	...	: 2.40
Pure photographic 100 lb		
kg .....	.06	: .08
Chlorate, 112 lb kgs, wks..D	.06%	: .06%
Imported, 112 lb kgs .....	...	: .06%
Chloride, tech. ....ton	12.00	: 13.00
C. F., 300 lb bbls.....D	.05	: .06
Chromate 800 lb bbl. ....D	...	: .08
Citrate, USP, IX, 50 lb kgs..D	...	: .59
USP, VIII, 50 lb kgs .....	...	: .51
Cyanide 96-98% 100 & 250 lb drums		
wks .....	...	: .20
73-78% 100 lb cases wks ..D	...	: .17%
125-128% 200 lb cs .....	.18	: .18%
120-125% 200 lb cs .....	.15	: .16
118-120% 200 lb cs .....	.14	: .15
Fluoride, 300 lb bbls, wks..D	.09	: .09%
Imp. 350 lb bbls .....	.08%	: .09
Glycerophosphate USP cryst. 25 lb cases	1.40	: 1.55
Powder, 25 lb tin .....	1.45	: 1.60
Solution, USP, 25 lb tin..D	1.05	: 1.30
Hydroxide, see Soda Caustic		
Hypochlorite Soln, 100 lb cys..D	...	: .05
14 1/2% soln, 50 lb cys..D	...	: .04
Hydroxide, 200 lb bbls f.o.b. wks.D	.22	: .24
For Stripping, 50 lb cases..D	.30	: .35
Hypophosphite, USP, 25 lb cases	.70	: .75

## SODIUM—(Continued)

HYPOSULFITE, tech. pea crys.		
375 lb bbls, wks..100 lb	2.65	: 3.05
Bbls, c/l wks. ....100 lb	...	: 2.50
100 lb kgs, wks .....	2.80	: 2.90
Imp .....	2.75	: 3.00
Regular crys, bbls, wks..100 lb	2.40	: 2.65
Bbls, c/l wks. ....100 lb	2.40	: 2.50
Kgs, wks. ....100 lb	3.00	: 3.10
Imp .....	2.35	: 2.45
Iodide, USP, 25 lb jars....D	4.25	: 4.30
Metasilicate, 150 lb bbls....D	.70	: .75
Naphthionate, 300 lb bbls ..D	.55	: .57
Nitrate crude, 95% 200 lb kgs		
c/l NY .....	...	: 2.47
Aug-Sept Shipment NY 100 lb	2.47	: 2.50
Double Refined 400 lb bbls		
gran. c/l wks .....	...	: .037%
Powdered bbls c/l wks ..D	...	: .05%
Nitrite, 500 lb bbls, spot makers.D	...	: .09
Imp. 650 lb cases .....	.09	: .09%
Ortho-Chloro-Toluene Sulfonate.		
175 lb bbls, wks.....D	.25	: .27
Oxalate, neutral, 100 lb kgs..D	.20	: .23
Perborate, 275 lb bbls .....	.21	: .22
Imp. 225 lb drs .....	.21	: .22
Peroxide, 200 lb cases .....	...	: .27
Phosphate, di-sodium, tech. 550 lb bbls	3.40	: 3.75
USP, gran, 275 bbls....D	.07	: .07%
Imp. gran .....	.04%	: .05%
USP, Crystal, 275 bbls..D	.07%	: .08
Mon-sodium, 100 lb kgs....D	.30	: .31
Tri-sodium, tech. c/l bbls..D	.03%	: .04%
Picramate, 100 lb kgs .....	...	: .60
Para-Toluene Sulfonate 175 lb bbls	.08	: .09
PRUSSIAN, yellow, 350 lb bbls.		
wks .....	.10%	: .10%
Imp 50 lb cks .....	.10%	: .10%
Pyrophosphate, 100 lb kgs ..D	.24	: .26
Sulleylate, 100 lb kgs .....	...	: .40
Second hands, USP, kgs ..D	.39	: .40

## SODIUM—(Continued)

Silicate, 40° turbid, tanks		
wks. ....100 lb	...	: .75
55 gal drums, wks..100 lb	.85	: 1.10
40° clear, tanks, wks..100 lb	...	: 1.10
55 gal drs, wks....100 lb	1.20	: 1.45
42° turbid, tks., wks..100 lb	...	: .80
55 gal drs, wks....100 lb	.90	: 1.15
42° clear, tanks, wks..100 lb	...	: 1.25
55 gal lrs, wks....100 lb	1.35	: 1.75
Silicofluoride, 450 lb bbls NY.D	.04%	: .04%
Stannate, 100 drms. ....D	.38	: .39
Sulphate, see Glauber's Salt		
Sulfate, Anhydrous, 550 lb bbls		
c/l wks .....	.03%	: .04
Imp. 250 lb bbls .....	.02%	: .02%
Sulfinic, 66% solid, 650 lb drs.		
lc/l wks .....	...	: .04%
Dr. c/l wks. ....D	...	: .04
Imp. 700 lb drs NY .....	...	: .03%
60% broken, 650 lb drs. wks.D	...	: .04%
Dr. c/l wks. ....D	...	: .04%
30% crys. 440 lb bbls, wks.D	.02%	: .02%
Imp. 400 lb bbls .....	...	: .02%
Sulfite, crys. 400 lb bbls, wks.D	.03%	: .03%
Anhydrous, 400 lb bbls....D	.09%	: .10
Sulfocarbonate, USP, 100 lb kgs.D	.32	: .34
Sulfocyanide, 400 lb bbls .....	.30	: .35
Tungstate, crys. 100 lb kgs..D	.70	: .75
SOLVENT NAPHTHA, 110 gal		
dr. wks .....	...	: .30
8,000 gal. tank cars, wks gal	...	: .35
Spartan Sulfate, USP, 250 lb. bulk, cs	...	: .50
Single cs. vial .....	...	: .67
Spruce, 25% liquid tanks, wks.D	.01	: .01%
Powd. 50% 100 lb bags, wks.D	.02	: .02%
Starch, rice, 140 lb bags .....	.08	: .10



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STARCH, powd. 140D bgs c/100D	3.87
Bags 1c/1	3.87
Pearl, 140D bgs c/1	3.77
Bags, 1c/1	3.87
Potato domestic, 200D bgs c/1D	.03%
Imported bags duty paid	.06%
Wheat, com.	.06%
Imp.	.07%
Sol. Potato	.07%
STRONTIUM Bromide, USP, 50D	
bags	.51
Carb. 600D bbls. wks.	.07
100D kgs, wks.	.08
Iodide, USP, 45D jars	4.00
Nitrate, 600D bbls., wks.	.08%
Imp., bbls., NY	.07%
Salicylate, USP, 100D kgs.	.75
STRYCHNINE Alkaloid, USP, crys.	
100 oz. tins	.52
Japanese, cans	.75
Alk. powd. USP	.61
Acetate	.65
Glycerophosphate, USP	.65
Hydrobromide	.65
Hydrochloride	.65
Hydrophosphate	.75
Nitrate, USP	.65
Phosphate	.65
Sulfate, USP, crys. powd.	.50
Saccharinate	1.25
Strychnine preparations quoted bases	
1000s lots in 1000s tins. Small sizes:	
1/4oz vials, 50c extra; 1/2oz vials, 25c	
extra; single ounce vials, 7c extra. Lots	
of 25 oz. or higher than above	
schedule. Lots of less than 25 oz.	
10c higher per oz.	
Sugar Coloring (See Caramel)	
Sugar Milk, USP, 200D bbls.	.20
Second Hands, USP, bbls.	.18
Sulfonal, see Sulfonmethane	
Sulfonethymethane, USP, 10 bbs.	3.85
Sulfonmethane, USP, 10D bbs.	2.65

SULFUR	
Crude, f.o.b. mines	14.00
Brimstone, 250D bags, c/1 100D	1.75
Low c/1 bags NY	1.95
Roll, 500D bbls. c/1 NY	2.15
Low c/1 bags NY	2.20
Flour, Heavy, 290D bbls. 100D	2.50
Light, 100%, 260D bbls. 100D	2.60
Rubbermakers 100%, 240D	2.50
bbls., NY	3.15
Commercial, 99%, 150D bgs.	
NY	1.35
For Dusting, 99%, 100D	1.95
bgs., NY	2.30
Flowers, 100%, 240D bbls.	
NY	3.25
Precipitated, 125D bbls. NY	.15
Lac. 125D bbls. NY	.10
Sulfur Chloride, red, 700D drs.	
Wks.	.05%
150D crys. wks.	.07
Yellow, 700D drs. wks.	.04%
150D crys. wks.	.05
Sulfur Dioxide, 100D cys.	.08
Iodide, USP, VIII, 5D bot.	4.55
Sulfuric Ether, see Ether	
Sulfuryl Chloride, 600D drs.	.65
Sumac, Liquid, 450D bbls.	.05%
Stainless, 600D bbls.	.10%
Sumac, Sicily, 100D bags	115.00
Virginia, 150D bags	55.00
Destructive, distilled, bbls.	.68
TALC, Italian 220D bags NY	40.00
Refined, white, bags	50.00
French, 220D bgs, NY	30.00
Refined, white, bags	38.00
Dom., crude, 100D bags NY	12.00
Refined, 100D bgs NY	16.00
Tankage, ground, NY	4.00
High grade f. o.b. Chicago	4.30
So Am. c.i.f.	4.40
Tapioca Flour, high grade bags	.05
Medium grade, bags	.04
Low grade, bags	.03%
Tar, Coal Gas, Tins wks.	.08

Tar Coke Oven, Tins wks.	.07
Water Gas, Tins wks.	.08
Tar, kiln-burnt	14.00
Rotort	15.00
Tartar Emetic, tech. 700D bbls.	.27
USP, 300D bbls.	.31
Tensilac 41, 100D drums	.65
Tensilac 69, 100D drums	4.80
Terpin Hydrate, USP, 100D kgs	.45
Terpineol, CP, 1000D drums	.38
Cans, 50D	.42
Imported, cans 25D	.43
Terpinyl Acetate, 25D cans	1.85
Terra Alba, No. 1, 300D bbls.	1.85
Tetralene, 50 gal drs. wks.	1.45
Tetrachlorethane See Acetylene Tetrachloride	
Theobromine Alk., 5D cans	8.50
Sod. Salicylate, 1D bot.	.29
Thioacetanilid, 170D bbls.	.24
Thymol, USP, 25D tins	4.00
Iodine, 5D boxes	6.75
TIN, metal Straits NY	.59
Iodine, 5D boxes	7.25
American Standard, NY 100D	59.00
99% American, NY	57.75
Bichloride, 50% soln. 100D	
bbls wks.	.16%
Crystals, 500D bbls, wks.	.40%
100D kgs wks.	.41
Oxide, 300D bbls wks.	.80
100D kgs wks.	.62
Tetrachloride, 100D drs wks	.33%
Titanium Oxide, bbls, wks.	.13
Tolidine, 350D bbls	.90
Sulfate, 350D bbls	.80
Toluene, 8000 gal tank cars wks	.28
110 gal drs wks	.31
Toluidine, Mixed, 900D drs, wks.	.31
Toners, para red	.90
Toluidine	1.80
Triacetin, 50 gal drs wks	.35
Triphenol, 100D cases	1.10
Trional, see Sulfonethymethane	
Triphenylguanidine	.69
Triphenyl Phosphate, 450D bbls	.75

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Tripoli, 500 lb bbls .....	100 lb	2.60	: 3.00
Tungsten, NY .....	VO unit	11.50	: 12.50
Turkey Red Oil, bbls single .....	D	.11	: .12
Double .....	D	.16	: .18
Turpentine spirits, bbls .....	gal	1.02 1/2	: 1.07
Wood steam Dist. bbls .....	gal	.92 1/2	: .97 1/2
Ultramarine Blue .....	D	.15	: .25
UREA, pure, 112 lb cases .....	D	.18	: .20
Valonia Cups, 30-31% tan .....	ton	35.00	: 38.00
Beard, 42% tan, bgs .....	ton	55.00	: 57.00
Mixture, 36% tan .....	ton	40.00	: 42.00
VANILLIN, USP, 500 gm cans .....	gm	...	: .49 1/2
Cans, 80 gm .....	gm	...	: .50
Cans, 16 gm .....	gm	...	: .61
Second Hands .....	gm	.47	: .50
Venetian Red .....	D	...	: .08
Vermilion, see Copper Sulmate			
Vermilion, Amer. 100 lb bags .....	D	.35	: .40
English, bags .....	D	1.40	: 1.45
Veratrine Sulfate, 1 gm vial .....	gm	...	: 1.85
Hydrochloride, 1 gm vial .....	gm	...	: 1.85
Veronal, see Acid Diethylbarbituric			
Vulcons, 250 lb bbls, wks. .....	D	.75	: .78
Wattle Bark, bgs .....	ton	44.00	: 45.00
WHITE LEAD, see lead, white			
White Precipitate, see mercury			
Whiting, 200 lb bags, c/l wks 100 lb ...	D	...	: 1.35
Gilders, bags NY .....	ton	...	: 1.35
French, bags NY .....	ton	14.50	: 19.00
English, bags, NY .....	ton	31.00	: 33.00
Paris White .....	ton	1.80	: 1.80
Witch Hazel Extract, 50 gal. bbls gal	gal	1.05	: 1.10
XYLENE, 3° dist range, nitration			
110 gal, drs NY .....	gal	...	: .85
5° dist range, 8000 gal. tanks			
Wks. .....	gal	...	: .40
110 gal, drs wks. .....	gal	...	: .45
10° dist range, drums, wks. .....	gal	...	: .40
Tanks, wks. .....	gal	...	: .35
Commercial, 110 gal drs, wks. gal	gal	...	: .31
Tanks, wks. .....	gal	...	: .38
Xylolite, crude .....	D	.37	: .40
Refined .....	D	.40	: .42

YARA YARA, 1 lb tins .....	D	1.65	: 1.80
Yohimbin Hydrochloride, 1 gm vial .....	gm	3.15	: 4.00
Resale .....	gm	...	: 3.00
Yolk Oil bbls .....	D	...	: .35
ZINC, METAL, high grade, slabs			
c/l NY .....	100 lb	...	: 8.00
Common Slabs, c/l NY 100 lb	D	7.95	: 7.97 1/2
Money, 25 lb bxs. NY .....	D	...	: .14
Ammonium Chloride, powd., 400 lb			
bbls .....	D	...	: .06 1/2
Carb. tech bbls NY .....	D	.10	: .10 1/2
USP, 100 lb bags .....	D	...	: .20
Chloride, fused, 600 lb drs wks. D	D	...	: .07 1/2
Drs. c/l wks. .....	D	...	: .06
Granulated, 500 lb bbls wks. D	D	...	: .08
Imported, dr NY .....	D	.07 1/2	: .07 1/2
Solution, 50%, tanks wks 100 lb	D	...	: 3.00
USP, 25 lb jars .....	D	.37	: .39
Cyanide, 100 lb drs .....	D	.40	: .41
Dust, 100 lb tins, wk .....	D	.10	: .10
500 lb bbls kgs c/l wks. D	D	...	: .09
500 lb bbls, kgs, c/l wks D	D	...	: .09 1/2
Iodide, 5 lb bbls .....	D	...	: 5.25
Nitrate, 25 lb jars .....	D	...	: .45
Oxide, Amer. Bags wks .....	D	.07 1/2	: .07 1/2
Oxide, Amer. 300 lb bbls wks. D	D	.07 1/2	: .07 1/2
French, 300 lb bbls wks. D	D	.10	: .12 1/2
Bbl. c/l wks .....	D	.08 1/2	: .11 1/2
Bags, c/l wks .....	D	.08 1/2	: .11 1/2
USP, 100 lb bbls c/l .....	D	.14	: .14
10-25 bbl lots .....	D	.15	: .15
5 bbl lots .....	D	.16	: .16
1 bbl lots .....	D	.17	: .17
Imported, white seal, bbls. D	D	.12	: .12
Green seal, bbls .....	D	.10	: .10
USP 100 lb bbls .....	D	.15 1/2	: .15 1/2
Stearate, USP, 50 lb bbls .....	D	.21	: .23
Resales .....	D	.20 1/2	: .21
Sulfate, 400 lb bbls, wks. D	D	.03 1/2	: .03 1/2
Bbls, c/l wks .....	D	...	: .03
USP 100 lb bbls .....	D	.14	: .15
Sulfide, 500 lb bbls .....	D	.30	: .33
Sulfocarbonate, 100 lb bags. D	D	.30	: .33
Wks. .....	D	1.35	: 1.75
Zirconium, oxide, pure .....	D	.45	: .50
Semi-ref'd, bgs. .....	D	.05	: .10
Natural, bgs. .....	D	.02 1/2	: .03

## Oils - Fats

Castor, No. 1, 400 lb bbls .....	D	.16	: .16 1/2
80 lb cases .....	D	.17	: .17 1/2
No. 3, bbls .....	D	.15 1/2	: .16
Blown, 400 lb bbls .....	D	...	: .18
China Wood, spot NY .....	D	.13 1/2	: .13 1/2
Tanks, Spot NY .....	D	...	: .12 1/2
Coast, tanks .....	D	.11 1/2	: .12
Coconut, Ceylon, 375 bbls NY ..	D	.11 1/2	: .11 1/2
8000 gal tanks, NY ..	D	.10 1/2	: .10 1/2
Cochin, 375 lb bbls NY .....	D	.11 1/2	: .11 1/2
Tanks, NY .....	D	...	: .11
Manila, bbls NY .....	D	.11 1/2	: .11 1/2
Tanks, Pacific Coast .....	D	...	: .09 1/2
Edible, bbls NY .....	D	.12 1/2	: .12 1/2
Cod Newfoundland, 50 gal bbls gal	gal	.62	: .65
Tanks, NY .....	gal	.55	: .57
Cod Liver, see Cod Liver Oil under Chemicals			
Copra, bags .....	D	.05 1/2	: .06
Corn, ref., 375 lb bbls, NY .....	D	...	: .13
Crude, tanks mills .....	D	.10	: .10 1/2
Bbls, NY .....	D	.11 1/2	: .12
Cottonseed, crude, tks mill .....	D	...	: .09 1/2
PSY, 100 bbls NY Aug .....	D	.10 1/2	: .11
Sept-March .....	D	.10 1/2	: .11
White, 100 bbls lots, NY .....	D	...	: .13 1/2
Winter yellow, 100 bbls, NY ..	D	.13 1/2	: .14
Degras, Amer. 50 gal. bbls, NY ..	D	.04 1/2	: .04 1/2
English, light, bbls, NY .....	D	.05 1/2	: .05 1/2
Brown, bbls, NY .....	D	.04 1/2	: .04 1/2
Light brown, bbls, NY .....	D	.04 1/2	: .04 1/2
Dark, bbls, NY .....	D	.03 1/2	: .04
Neutral, bbls, NY .....	D	.07 1/2	: .12
Moellon, bbls, NY .....	gal	...	: .50
Greases, choice white, bbls NY ..	D	.15 1/2	: .15 1/2
Yellow .....	D	...	: .09 1/2
Brown .....	D	...	: .09 1/2
House .....	D	...	: .09 1/2
Bone naphtha .....	D	...	: .07

Hexamethylenamine, U. S. P.  
Benzoate of Soda

Formaldehyde, U. S. P.  
Benzaldehyde

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## Oils - Fats

Herring, Tanks, Coast	gal	.40	nom.
Horse, 375 lb bbls, NY	lb	.10	nom.
Lard, prime steam, bbls	lb	.17%	.17%
Compounds, bbls	lb	.14%	.14%
LARD OIL, edible prime	lb	.19%	.20
off prime bbls	lb	.19%	.19%
Extra bbls	lb	.16%	.14
Extra, No. 1 bbls	lb	.13%	.13%
No. 1 bbls	lb	.13%	.13%
No. 2 bbls	lb	.13%	.13%
LINSEED, raw c/l bbls spot	gal	1.03	
Five, bbls raw	gal	1.06	
Tanks, raw	gal	.87	
Boiled, 5 bbl lots wks	gal	1.09	
Double Boiled, 5 bbl	gal	1.10	
Aug-Sept c/l bbls wks	gal	1.03	
Oct-April c/l wks	gal		
Imported bbls, NY	gal		
Tanks, NY	gal		
Menhaden, crude bbls wks	gal	.55	
Crude, tanks, Balt	gal	.53%	
Light pressed, bbls, NY	gal	.70	.72
Yellow, bleached, bbls, NY	gal	.73	.74
Extra bleached, bbls, NY	gal	.75	.77
Blown, bbls, NY	lb		.10%
Nestsfoot, 20° c. t. bbls, NY	lb	.18	
Pure, bbls, NY	lb	.15	
Extra, bbls, NY	lb	.14	
No 1 bbls, NY	lb	.13%	
Oleo Oil, No. 1 bbls NY	lb	.17%	.17%
No. 2 bbls NY	lb	.13%	.13%
No. 3 bbls, N Y	lb	.12	
OLIVE, denatured, bbls, NY	gal	1.18	1.20
Edible, bbls, NY	gal	2.00	2.30
Foots bbls, NY	lb	.08%	.08%
Shipments	lb	.08%	.08%
Palm Lagon, 1500 lb casks	lb	.09%	.09%
Niger casks	lb	.08%	.09
Bonny old Calabar, casks	lb		nom.
Palm Kernel bbl NY	lb		.10%

Peanut, refined, bbls, NY	lb	.15	.16
Crude, mills buyers' tks	lb		
Crude, bbls, NY	lb		.10%
Perilla, bbls NY	lb	.15	.15%
Poppyseed, bbls, NY	gal	2.25	2.50
Rapeseed, refined bbls NY	gal	1.00	
Blown bbls NY	gal	1.05	
Red Oil, distilled, bbls	lb	.11%	.12%
Saponified, bbls	lb	.11%	.12%
Tanks	lb	.11	
Salmon, 8000 gal. tks. Coast	gal	.50	nom.
Sesame, edible, yellow bbls	lb	.13%	.13%
White	lb	.14%	.15
So4 OIL, bbls, NY	gal	.40	
SOYA BEAN, crude tks, Pacific Coast	lb	.11%	
Crude, tks, NY	lb	.12%	
Crude, bbls, NY	lb	.13	
Refined, bbls, NY	lb	.14%	
Sperm, 38° c.t. blehd. bbls NY gal	lb	.87	.80
45° cold test, blehd. bbls NY gal	lb	.85	.87
STEARIC ACID, s.p. 200 lb bags	lb	.14%	.14%
Double pressed, bags	lb	.14%	.15%
Double pressed, bags, saponified	lb	.14%	.15%
Triple pressed, bags, distilled	lb	.17	.17%
Triple pressed, bags, saponified	lb	.17	.17%
Stearine oleo, bbls	lb	.14%	
Tallow, edible tierces	lb	.11%	.11%
City, extra loose	lb	.09%	.10
Tallow Oil, acidless tks, NY	lb	.12	
Bbls, cl NY	lb	.13%	
*alnut, crude bbls, NY	lb		
Whale, nat winter bbls, NY	gal	.70	
Blehd. winter bbls, NY	gal	.81	
Extra Bleh. bbls, NY	gal	.93	
Crude, No. 1, tanks Coast	gal		
Crude, No. 2, tanks Coast	gal		
Crude, No. 3, tanks Coast	gal		

## Crude Drugs

Acrodis Gum, red, see Yacca			
ACONITE LEAVES, bales	lb	.10	.11
Root, USP, bags	lb	.32	.35
Agar Agar, 1, 200 lb bales	lb	1.35	1.40
No. 2 bales	lb	1.35	1.40
No 3 bales	lb	1.10	1.25
Agaric, white, cases	lb	2.75	3.00
Granulated, boxes	lb	3.25	3.40
Almonds, bitter, boxes	lb	.60	.65
Sweet, boxes	lb	.65	.70
Meal, barrels, boxes	lb	.24	.25
Aletris Root, bags	lb	.35	.38
Alkanet Root, bag	lb	.08%	.10
Aloe, Barbados, 120 lb bbls	lb	.70	.75
Cape, 400 lb cases	lb	.08%	.09
Curacao, 100 lb cases	lb	.11	.12
Socotrine whole, 300 lb cs	lb		.35
Select, cakes, lb	lb	.26	.38
Althea Root, Cuts, cs	lb	.45	.47
Whole	lb	.24	.25
Ambergris, black boxes	cs	8.00	10.00
Grey, boxes	cs		26.00
Ammoniac, tears, bags	lb	.75	.80
Angelica Root, dom. bags	lb	.13	.14
Angustura Bark, bags	lb	.16	.30
Anise, Levant, bags	lb	1.14%	.15
Russian bags	lb	.14	.14%
Star Cases	lb	.14%	.15
Spanish bags	lb	.16	.16%
Annatto Seed, 200 lb bags	lb	.15	.18
ARABIC GUM,			
White, No. 1, 200 lb bags	lb	.24	.25
Secunda, 250 lb bags	lb	.22	.30
Soria, amber, 200 lbs bbls	lb	.13%	.14
Powd., USP, 800 lb bbls	lb	.21	.22
Arca Nuts 150 lb bags	lb	.18	.19
Powd., 300 lb bbls	lb	.20	.31
Argols, Red, grd. see Chemicals			
Arnica Flowers, bales	lb	.11	.14
Root, bags	lb	.28	.30

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PRICES CURRENT SECTION



## Crude Drugs

Arrowroot, Amer. Powd. bbls....	.10	.10%	Candia Bataria, No. 3 bales....	.10	.10%	Elecampane Root, bags.....	.09	.10
Bermuda, bbls.....	...	...	China, select rolls cases....	.07%	.08	Elmer Flowers, bags.....	.10	.13
St. Vincent Powd. bbls.....	.13	.14	Broken, bales.....	.06%	.06%	Elmer Gum, 85 lb cases.....	.15	nom
Asafetida, USP, 250 lb cases....	.23	.26	Buds, cases.....	.30	.21	Elm Bark, select 5 lb bundles cases	.26	.27
Powd., 50 lb bbs.....	.45	.50	Candia Flutula, baskets.....	.07	.09	Grinding, bags.....	.16	.17
BALM GILEAD BUDS, bags.....	.42	.45	Castile Soap, USP, powd., 200 lb	.20	.22	Powdered, bbls.....	.23	.25
Balmory Herbs, bales.....	...	.14	bars.....	.03	.03%	ERGOT, 150 200 lb bags.....	.48	.50
BALSAMS			Castor Beans, bags.....	.03	.03%	Eucalyptus Leaves, bales.....	.05%	.06
Copahu, Para 80 lb cs.....	.45	.47%	Castoreum, See Aromatic Chemicals, Perfumes, Sm-			Euphorbia Pilulifera Herb, bags....	.08	.08%
South American, 80 lb cs.....	.52	.52%	dries			Euphorbium Gum, cases.....	.23	.27
Flr Canada, cases.....	11.00	13.00	Catechu Gum, bags.....	.11	.12	Powdered boxes.....	.23	.26
Oregon bbls cases.....	.90	.95	Catnip Herb, bales.....	.23	.26	Fennel Seed, French, bags.....	.08%	.09
Peru, 120 lb cases.....	1.75	1.80	Celery Seed bales.....	.29%	.29%	German, bags.....	.14	.16
Tolu, 120 lb cases.....	1.40	1.50	Ceresin Wax, white bags.....	.12	.30	Indian, bags.....	.08%	.09
Bamboo Brier Root, bags.....	.06	.07	Yellow, 200 lb bags.....	.10	.12	Feenugreek Seed, 200 lb bags.....	.05	.05%
Barberry Bark, tree bales.....	.13	.15	Imp 100 lb bags.....	...	.34	Fish Berries, 100-125 lb bags....	.07%	.08
Root, bags.....	.25	.27	CHANOMILE FLOWERS, Roman			Flax Seed, whole, 180 lb bbls.....	15.00	15.05
Bayberry Bark, bales.....	.10	.13	cases bales.....	.20	.25	Ground, 180 lb bbls.....	.08	.08%
Wax, bbls.....	.21	.22	Hung. cases bales.....	.18	.20	Fringe Tree Bark, bags.....	.25	.28
Beladonna Leaves, bales.....	.25	.27	Charcoal, Willow powd bbls.....	.06	.06%	Fumigating Pastilles Black, 1 lb	...	.18
Root, bags.....	.14	.16	Wood, powd. bbls.....	.04	.06	boxes.....	.45	.50
Bees Wax, white cases.....	...	.55	Shastout Bark, bags.....	.07	.08	Red, 1 lb boxes.....	.45	.50
Yellow, refined, cases.....	...	.45	Herb, bales.....	.06	.06%	GALANGAL ROOT, bags.....	.09	.10
Crude bags.....	.38	.40	Shide Gum, bags.....	.25	.30	Galbanum Gum, cases.....	.80	.85
Benzoin Gum, Siam, boxes.....	1.50	1.50	Chiretta, bales.....	.07	.10	Gamboge Gum, bags.....	.12%	.16
Sumatra, 80 lb boxes.....	.24	.26	Cinchona Bark, red quill bales D	.75	.85	Gamboge Gum, 160 lb cases.....	.90	.95
Berberis Aquifolium Root, bags....	.11	.13	Broken cases.....	.24%	.28	Powdered cases.....	.08	1.00
Beth Root, bags.....	.24	.26	Chinamon, Ceylon, No. 1 bales D	.41	.42	Galeosmium Root, bags.....	.12	.13
Bitter Root, 100 lb bags.....	.40	.43	No. 2, bales.....	.38	.39	Gentian Root, bags.....	.08%	.09
Blackhaw Bark, root, bales.....	.50	.51	No. 3, bales.....	.37	.38	Ground, bbls., boxes.....	.12	.13
Tree, bales.....	.15	.17	Civet, Abyssin horns.....	2.35	2.60	Powdered, boxes.....	.12	.13
Blood Root, bags.....	.13	.15	Clover Tops, bags.....	.20	.22	Ginger African bags.....	.15	.15%
Blueflag Root, bags.....	.37	.39	Cloves, Zanzibar 135 lb bales.....	.20	.23	Jamaica, grinding, bags bbls.....	.17%	.18%
Buldo Leaves, bales.....	.15	.16	Amboyas, bales.....	.20	.20	Japan, bags.....	.21	nom.
Bonsett Herb, bales.....	.09	.11	Ponang, bales.....	.40	.42	Cochin, ABC & Lemon, bags....	.19%	.21
Leaves, bales.....	.09	.11	Cochineal, Black.....	.54	.55	Glaseg Root, cultivated, bags....	8.00	10.00
Borage Flowers, bales.....	.18	.20	Silver.....	...	.51	Northwestern Wild, bags.....	12.00	14.00
Boronia Root, bags.....	.09	.10	Coca Leaves, Huancoco bags.....	...	...	Southern Wild, bags.....	8.50	10.00
Black Indian Root, 100 lb bags....	.40	.42	Truxillo, bags.....	...	...	Golden Seal Root, bags.....	4.65	4.75
BUCHU LEAVES, short, 250 lb			Cohosh Root, Black bags.....	.07%	.15	Powdered boxes.....	4.90	5.15
bales.....	.63	.65	Blue, bags.....	.10	.11	Grains of Paradise, bags.....	.13	.14
Less bales.....	.66	.70	Colecium Root, bags.....	.08	.09	Grindelia Robusta Herb, bales....	.09	.09%
Long bales.....	.11	.12	Seed, bags.....	.16	.17	Guaiac Gum, 80 lb cases powd....	.40	.48
Buckbean Leaves, bales.....	.11	.12	Colecyth. apples, cases, bales....	...	...	Guarana, tins, cases.....	.30	.35
Buckthorn Bark, bags.....	.07	.09	Pulp USP bales.....	.22	.25	GUM, See Arabic Gum, etc.		
Burdock Root, bags.....	.10	.12	Pulp.....	.23	.26	HELLEBORE ROOT,		
Burgundy Pitch, dom., 110 lb stands			Colemo Root, whole bags.....	.03%	.04	Black, bbls.....	.08	.10
Gross fer net.....	.05%	.05%	Cutfoot Leaves, bags.....	.05	.06	Powdered.....	.15	.17
Imported.....	.10	.11	Comfrey Root, bags.....	.13	.14	White, Powd., 250 lb bbls.....	.12	.13
Calabar Beans, bags.....	...	1.00	Condurango Bark, bags.....	.12%	.13	Helonias Root, (uncura falm)		
Calamus Root, bleached, cases....	.33	.34	Conium Herb, bags.....	.12	.14	bags.....	.87	.88
Unbleached, bags.....	.06%	.07	Conium Seed, bags.....	.10	.11	Hemp Seed, bags.....	.03%	.04%
Colendula Petals, imp., bales.....	.23	.23	Copaiha Balsam Para, see Balsams			Herbans Leaves, bales, USP.....	.20	.31
Callaya Bark, bales powd.....	.55	.56	Copal Gum.....	.12	.13	No. assay.....	.22	.26
Camphor, see Chemicals			Coriander Seed, Bombay bags....	.08	.08%	Henna Leaves, bales.....	.08%	.10
Canary Seed, Morocco bags.....	.08%	.08%	Morocco, bags.....	.04%	.05%	Powdered.....	.13	.14
Spanish, bags.....	.08%	.09	Bleached, bags.....	.08%	.09	Honey, Calif., 120 lb cases.....	.11	.12
South American, bags.....	.07%	.08%	Corn Silk bales.....	.05%	.06%	Hops, NY prime bale.....	.26	.30
Candellilla Wax, bags.....	.30	.32	Cotton Root Bark, bales.....	.14	.15	Pacific Coast prime bales.....	.25	.27
Cannella Alta Bark, bales.....	.50	.52	Jowhags, on tins.....	...	.65	Horehound Herb, bales.....	.08	.10
Cannabis, true Imp. bags.....	...	...	Cramp Bark, so-called bales.....	.06%	.07	Horse Nettle, Berries, bags....	.35	.35
American (no assay) bales.....	.30	.40	True, bags.....	.50	.52	Hometall Rubb, bags.....	...	.15
USP.....	.46	.66	Cranehill Root, bags.....	.09	.10	Hydrangea Root, bales.....	.69	.10
Cantharides, Chinese cases.....	.95	1.00	CUBES BERRIES, XX bags.....	.65	.66	India Gum, see Karaya		
Powdered bags.....	1.15	1.26	Powdered, lbs.....	.65	.67	INSECT FLOWERS, open whole		
Russian, cases.....	.75	.80	Culvers Root, bags.....	.19	.20	Bales.....		
Powdered, boxes.....	.80	.85	Cumin Seed, Levant bags.....	.14%	.15	Closed, whole bales.....		
Caraway Seed, African, bags.....	.07%	.08	Malta bags.....	.12%	.13%	Powdered, pure 200 lb bbls D	.31	.35
Dutch, 11 lb bags.....	.07%	.08	Morocco, bags.....	.13	.13%	Flowers and Stems, 50 p.c.		
Cardamom, bleached cases.....	2.50	2.80	Cuttlefish Bone, Trieste, straps..	.12%	.13	200 lb bbls.....	.24	.30
Decorticated cases.....	2.40	2.60	Jewellers large, straps.....	...	.25	Ipecac Root, Cartagena bags....	2.35	2.50
Green, grinding bags.....	1.58	1.65	Small, straps.....	...	.25	Powdered, 200 lb bbls bbs D	2.65	2.70
Carnauba Wax, Flor. bags.....	...	.40	French straps.....	.12%	.13	Rio Whole, bags.....	2.35	2.45
Powd.....	...	.40	Powdered, boxes.....	.08	.09	Powdered 200 lb bbls bbs D	2.65	2.70
No. 1 yellow bags.....	.38	.39	Broken, boxes.....	...	.07	Sanguina American, 120 lb cs....	.75	.89
No. 2, N Country bags.....	.35	.34	Damar Gum, 150 lb cases.....	.25	.25%	Russian (Beluga) trs. ctas....	4.06	4.50
No. 2 regular bps.....	.35	.36	Damiana Leaves, bales.....	1.25	1.50	JABORANDI LEAVES, bales.....	.10	.10%
No. 2, N Country bags.....	.30	.32	Dandelion Root, Imp bags.....	.18	.20	Jalap Root, whole, 150 lb bags D	.27	.35
No. 3, chaly bags.....	.30	.32	Deer Tongue Leaves, bales.....	.08%	.09	Powdered, USP, 250 lb bbls D	.34	.34
Cascara, Amara 150 lb bales.....	1.25	1.50	Digitalis Leaves, bales.....	.10	.11	Jalap Root, 254 lb cs.....	.18	.20
So-called, bales.....	.65	.70	Dill Seed, bags.....	.05%	.06	Sohn's Tears, White, bags.....	.12	.13
Cassia Sagrada, bales,			Cleaned bags.....	...	.10	Jumper Berries, 125 lb bags....	.05	.05%
1920-22 bark.....	.30	.32	Oregon Bark, Jamaica, bags.....	.09%	.10	KAMALA, USP, boxes.....	1.66	1.65
1923 bark.....	.31	.34	American, bales.....	.07	.08	Karaya Gum, powdered, bbls.....	.10	.25
1924 bark.....	.14%	.15	Dogwood Root, USP, cut bags....	.10%	.11			
1925 bark.....	.13	.14	Dragons Blood, mass cases.....	.70	.75			
Cascarilla Bark, quilla, bales....	...	...	Reeds, boxes.....	.85	.90			
Settings, bbls.....	...	...	ECHINACEA ROOT, bales.....	.29	.32			
Candia Bataria, No. 1 bales.....	.12	.12%						
Shortstick, bales.....	.11	.11%						

## Crude Drugs

Kauri Gum No. 1 .....	.68	.70	Marjoram Leaves, French, bales .....	.38	.37	Opium, Powdered, USP, case.....	13.00	14.00
Kata Kava Root, bags .....	.18	.19	Chilian, bales .....	.20 1/2	.21	Orange Flowers, cases .....	.25	1.25
Kino Gum, black cases .....	.55	.60	Mastic Gum, 120 lb cans .....	.58	.60	Orange Peel, bitter, bags .....	.07 1/2	.08
Kola Nuts, 150 lb bags .....	.04 1/2	.05	Matico Leaves, bales .....	.22	.27	Sweet, bags .....	.11	.11 1/2
Kousoo Flowers, bags .....	1.50	1.75	W-zeroon Bark, bags .....	.11	.12	ERRIS ROOT, Florentine bold bags .....	.09	.10
LADY SLIPPER ROOT, bags .....	.45	.50	Millet Seed, dom. yellow bags .....	.03 1/2	.04	Powdered, 200 lb bbls .....	.11 1/2	.13
Larkspur Seed, bags .....	3.00	3.25	Montan Wax, crude bags .....	.06	.07	Verona, bags .....	.08	.10
Laurel Berries, bags .....	.10	.11	Bleached .....	.06	.07	Powdered, 200 lb bbls .....	.11	.13
Leaves, Greek bags .....	.05	.05 1/2	Moss, Iceland, bales .....	.08 1/2	.10	Fingers, case .....	.58	.60
Italian bales .....	.04 1/2	.05	Irish, bleached, bales .....	.11	.12	Ozokerite Wax, brown hard bags .....	.24	.25
American, bales .....	.25	.35	Select, bales .....	.14	.15	Green, hard bags .....	.26	.29
Lavender Flowers, ordinary .....	.32	.34	Mullein Flowers, tins .....	.85	.90	Refined, yellow, bags .....	.27	.37
Selected .....	.30	.38	Tongala .....	16.00	17.00	PAPRIKA, bags .....	.20 1/2	.24
Leeches tubs .....	4.00	5.00	Tongala .....	22.00	25.00	Rareira Brava Root, bags .....	.11	.12
Lemon Peel, bags .....	.08 1/2	.09	Grain Cab. .....	25.00	26.00	Parley Seed, bags .....	.15	.17
Licorice Root, Russian, whole .....	.03	.04	Tongala .....	35.00	38.00	Patchouli, Leaves, bales .....	.19	.20
Spanish, natural bales .....	.07	.08	Synthetic, see Chemicals .....			Pellitory Root, bales .....	.19	.20
Powdered, bbls .....	.08 1/2	.09	Musk root, Russian bags .....	1.40	1.65	Pennyroyal .....	.07	.10
Selected, 2 & 5 lb bundles .....	.11 1/2	.12	Mustard Seed Bari brown bags .....	.12	.12 1/2	Pepper, black, Strg. bags .....	.14	.14 1/2
Cuttings, 135 lb bags .....	.08 1/2	.07	Bombay, brown .....	.06 1/2	.7 1/2	White, bags .....	.29	.30
Turkish, 150 lb bales .....	.08	.08 1/2	California, brown .....	.08 1/2	.09 1/2	Alepp, bags .....	.20	.20 1/2
Lime Juice, clarified bbls .....	.60	.65	Yellow .....	.11 1/2	.11 1/2	Lampong, bags .....	.19	.19 1/2
Linden Flowers with leaves, bales .....	.11	.11 1/2	Chinese yellow .....	.05 1/2	.06 1/2	Tellecherry, bags .....	.20 1/2	.21
Without leaves, bales .....	.19	.20	English, yellow .....	.10 1/2	.11	Muntock, bags .....	.28 1/2	.29
Lobelia Herb, bales .....	.36	.38	Dutch, yellow .....	.10	.10 1/2	Red Chillies, Japan No. 1, lbs .....	.31	.31 1/2
Seed, bags .....	.62	.65	Danish, yellow .....	.08 1/2	.09	Mombassa, bags .....	.10	.10 1/2
Lovage Root, Imported gabs .....	.18	.25	Myrrh Gum, select, 200 lb cs .....	.24	.28	Talay, bags .....	.10	.11
Lupulin, N. F. tins .....	1.75	1.80	Sorts, cases .....	.20	.24	Capsicum, Bombay, bags .....	.11	.11 1/2
Bands, No. 1 cases .....	1.00	1.05	NUTGALLS, Chinese, bags .....	.17	.18	Peppermint leaves, imp, bales .....	.25	.25
Lycopodium, 88 lb cs .....	1.05	1.15	Alepp, bags .....	.20	.22	Domestic leaf .....	.25	.25
MACE, Siam, No. 1 .....	1.08	1.09	Powd. .....	.22	.23	Herb bbls .....	.18	.20
Bands, No. 1 cases .....	1.10	1.11	Nutmegs, 110s cases .....	.52 1/2	.53	Peru Balsam, see Balsams .....		
Bataria, No. 2, cases .....	.88	.90	78s, 80s, cases .....	.59	.61	Pichi Leaves, bags .....	.16	.18
West India, cases .....	.85	.87	Grinding, bags .....	.48 1/2	.49	Pimento Select, bags .....	.10 1/2	.10 1/2
Malva Flowers, blue bales .....	.32	.40	Nux-Vomica Buttons, bags .....	.05	.06	Pink root, true bags .....	.68	.75
Black, bales .....	.60	.70	Powdered, 200 lb bbls .....	.07 1/2	.10	Pitch, Burgundy, see Burgundy Pitch .....		
Manoca Root, bales .....	.17	.22	OAK BARK, red bags .....	.05	.06	Plantain Leaves, bales .....	.12	.13
Manna, large flake, cases .....	.60	.70	White, bags .....	.06	.07	Pleurisy Root, bags .....	.19	.19
Small flake, cases .....	.38	.40	Olibanum Gum, Sift 280 lb cases .....	.10 1/2	.11	Poke Berries, bags .....	.15	.17
Sorts, cases .....	.30	.30	Tears, 280 lb cases .....			root .....	.09	.10
Mandrake Root bags .....	.10	.13	No 1, all white 280 lb .....	.22	.28	Pomegranate Bark, of root bags .....	.35	.35
Marjoram Leaves, German bales .....	.38 1/2	.37 1/2	No 2, 280 lb cases .....	.12	.14	Of Fruit, bags .....	.30	.30
African, bales .....	.27 1/2	.27 1/2	Opium, gum, USP, case .....	13.00	13.00	Of Tree .....	.30	.30
			Granular, case .....	13.00	14.00	Pooey Flowers, red bags .....	.25	.27

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## Crude Drugs

Poppy Seed, Dutch, bags .....	D	.10%	.11	Savory Leaves, bales .....	D	.07%	.10%	Spruce Gum, boxes .....	D	1.00	1.50
German, bags .....	D	.09%	.10	Saw Palmetto Berries, bags .....	D	.35	.40	Sponaw Vine, bales .....	D	...	.18
Turkish, bags .....	D	.09	.09%	Scammony Resin, boxes .....	D	1.35	1.50	Squills, white .....	D	.04%	.05
Blue Indian, bags .....	D	...	...	Scammony Root, bags .....	D	.09	.09%	Powdered, bulk .....	D	.13	.14
White Indian, bags .....	D	.08	.08%	Senega Root, bags .....	D	.65	.70	Stavesacre Seed, bags .....	D	.35	.37
Prickly Ash Bark, Southern, bags .....	D	.21	.22	SENNA, Ales 150 lb cases .....	D	.22	.23	Sticklac, 250 lb bales .....	D	.35	.40
Northern bags .....	D	.21	.22	leaf Leaf, 350 lb bales .....	D	.13	.14	Stillingia Root, bags .....	D	.09%	.12
Berries, bags .....	D	.12	.14	siftings, 400 lb bales .....	D	.10	.11	Stone Root, bags .....	D	.09	.10
Prince's Pine, bales .....	D	.30	.35	reworked, 300 lb bbls .....	D	.14	.14%	St. Ignatius Beans, bags .....	D	.13	.14
Falsellia Herb, bags .....	D	.12	.13	Tinnevely, Bold, 350 lb bbls .....	D	.14	.11	St. John's Bread, bags .....	D	.08	.09
Pumpkin Seed, bags .....	D	.19	.20	medium Leaf .....	D	.11	.11	Strickmonium Leaves, bales .....	D	.11	.14
QUASSIA CHIPS, bags .....	D	.07	.07%	small Leaf .....	D	.08	.11	Seed bags .....	D	.10	.11
Queen of the Meadow Herb, bags .....	D	...	.08	Powdered, 200 lb bbls .....	D	.08%	.16	Strophanthus Seed, Hapides .....	D	...	...
Quince Seed, bags .....	D	.30	.35	Pods, 350 lb bales .....	D	.17	.18	Kombe bags .....	D	...	nom
RAPE SEED, South Amer. bags .....	D	.06%	.07	Serpentaria Root, bags .....	D	.85	.90	Styrax, liquid artif. .....	D	.35	.40
Dutch, bags .....	D	.08	.08%	Shellac, D. C. bags .....	D	.77	.79	Gen. USP, .....	D	.45	.60
Japanese, small, bags .....	D	.07%	.08	V.S.O. bags .....	D	.77	.79	Sunflower Seed, domestic bags .....	D	.06%	.06%
Raspberries, dried bbls. ....	D	.53	.54	Diamond I. bags .....	D	.77	.79	South American, bags .....	D	.05	.05%
Red Saunders .....	D	.08%	.09	Superfine, Orange bags .....	D	.55	.57	TAGALDER BARK, bags .....	D	.05	.08
Rhazany Root, bags .....	D	.08%	.09	vine, bags .....	D	.63	nom.	Tamarinds, bbls. ....	D	.07	.08
RHUBARB, Root, H. D. cases .....	D	.35	.37	T. N. bags .....	D	.52	.53	Kaga .....	per bag	3.70	3.80
Powdered, 200 lb bags .....	D	.40	.42	Garnet, A. C. ....	D	.51	.52	Tany Hero, bales .....	D	.18	.19
Roosmary Leaves, bales .....	D	.06%	.07	Junon bags .....	D	.76	.76	Tar, Barbadoes, 50 gal bbls. ....	gal	1.45	1.50
Roosmary Flowers, cases bales .....	D	...	.40	Kissched, ground, Mus .....	D	.56	.56	Thus Gum, 250 lb bbls .....	D	.09	.10
rose Petals, pale .....	D	.37	.38	Bone Dry, bbls .....	D	.59	.61	Thyme, Spanish bales .....	D	.08	.08%
Red .....	D	...	1.25	Sideritis Herb, cut bags .....	D	.15	.18	French, bales .....	D	.08	.08%
Roe Herb, bales .....	D	.18	.20	Sinarauba Bark, bales .....	D	.08	.09	Tilla, see London			
SABADILLA SEED, bags .....	D	.14%	.16	Skullcap Leaves, Eastern, bales .....	D	.60	.62	Tois Balsam, see Balsams			
Powder, bbls .....	D	.20	.21	Western bales .....	D	.52	.54	Tooga Bark, bags .....	D	.70	.75
Staffion Flowers, Amer Bales .....	D	.50	.55	Skunk Cabbage Root, bales .....	D	.13	.16	Tonka Beans, Angostura, cases .....	D	1.00	1.10
Valencia, 1 lb cases .....	D	31.00	32.00	Snake Root, Canada, natural, bags .....	D	.34	.35	Para, cases .....	D	.85	.90
Bage, Dalmatian, bales .....	D	.04%	.05%	Stripped, bags .....	D	.50	.65	Surinam, cases .....	D	.85	.90
Greek, bales .....	D	.03	.03%	SOAP BARK, whole, 160-200 lb .....	D	.10	.12	Tragacanth Gum, No. 1 ribbon .....	D	1.45	1.50
Spanish, bales .....	D	.03	.03%	bales .....	D	...	.11%	No. 2 .....	D	1.10	1.20
Sandalwood, chips, bags .....	D	.16	.19	Cut, 125-175 lb bags .....	D	.09%	.10%	Powdered, 50 lb boxes .....	D	.87	.97
Ground, bags .....	D	.21	.23	Crushed, 200 lb bbls .....	D	...	.11%	Turkish, cases .....	D	.45	.55
Sandarac Gum, 300 lb bbls .....	D	.42	.46	Spearmint Leaves, American bales .....	D	.25	.27				
Sarsaparilla Root, Honduras, bales .....	D	.67	.70	Spermacti, blocks, cakes, cases .....	D	.43	.44				
Mexican .....	D	.22	.23	Spikenard Root, bags .....	D	.17	.19				
Sassafras Bark, ordinary bales .....	D	.15	.17								
Select, bales .....	D	.29	.33								

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# Essential Oils

Turmeric Root, Madras bags	.09	.09%
Aleppy bags	.09	.09%
Powdered	.13%	.14
China, bags	.09	.09%
Turpentine, Venice true 80 lb cs	.27	.28
Artificial, 80 lb cases	.11	.13
Spirits, see Naval Stores		
UNICORN ROOT, false, see Helonias		
True, see Aletris		
Uva Urti Leaves, bales	.05	.05%
VALERIAN ROOT Belgian bags	.35	.38
Vanilla Beans, Mex, whole cases	9.00	10.00
Cuts, cases	8.00	8.50
Bourbon, cases	6.50	6.50
South American, cases	7.50	8.00
Tahiti, yellow label cases	5.00	5.50
Green Label, cases		
Vetiveri Root, 100 lb bags	.25	.26
Violet Flowers, bags	.30	.35
WANG BARK, of root bags	.75	.80
Of Tree, bags	.30	.32
White Pine Bark, rosed, bags	.07%	.08
White Poplar Bark, bags	.06	.07
Wild Cherry Bark, thin green		
Rosed, bales	.13%	.14
Thick Rosed, bales	.07	.09
Thin Natural, bales	.08	.08%
Thick Natural, bales	.06%	.07
Willow bark, bags		.06
White, bags		.15
Witch Hazel Bark, bgs	.07%	.09
Leaves, bales	.08%	.09
Worm Seed, American, bags	.08	.08%
Lavant, bags	3.00	3.25
Wormwood Herb, imported bales		.10
Yacca Gum, red	.04	.04%
Ground	.05%	.06%
Yellow Root (Zanthoxim) bgs	.16	.17
YELLOW DUCK ROOT, bags	.12	.14
Yellow Parilla Root, bags	.16	.17
Yerba Santa, bags	.10	.11
Zedoary Root, bags	.11	.12

## Essential Oils

Almond, Bitter, USP, 5 lb bot.	3.00	3.25
Bitter ff PA 5 lb bots	3.15	3.35
Sweet, 5 lb cans	.75	.80
Apricot, Kernel, 50 lb cans	.50	.60
Amber, crude, 25 lb tins	.50	.60
Rectified, 25 lb tins	.75	.80
Angelica Root, 1 lb bot.	25.00	35.00
ANISE, Tech, 66 lb case	.70	.72
USP, 60 lb cans	.72	.75
Bay, 25 lb tins	2.15	2.25
Terpeneless	6.00	6.50
Bergamot, 25 lb coppers	4.75	5.25
Terpeneless	10.00	14.00
Artificial, 25 lb cans	2.00	2.20
Birch Tar, rect, 5 lb bot.	.50	.60
Crude, 50 lb tins	.20	.25
Bois de Rose, 25 lb tins	3.50	3.75
Cade, 25 lb cans	.30	.35
Cajuput, native, 50 lb tins	.75	.80
Calamus, 5 lb bot.	3.75	4.00
Camphor, Sassy 1000 lb drs		.14%
White, 1000 lb drs	.11%	.12
Cane, 50 lbs	.14	.14%
Cananga, native, 25 tins	2.30	2.40
Rectified, 25 lb tins	2.75	3.00
Caraway, USP	1.70	1.80
Cardamom, USP, 1 lb bot.	40.00	45.00
Carvol, 5 lb bot.	8.75	9.75
Cascarilla, USP, 1 lb bot.	60.00	62.00
CASSIA, 80-85% 400 lb drs	2.35	2.50
Redistilled, USP, 50 lb cans	2.75	3.00
Cedar Leaf, 50 lb tins	.80	.90
Cedar Wood, light 1000 lb drs	.55	.60
Celery, 1 lb bot	10.00	10.50
Chaulmoogra, 80 lb cans	.85	.90
Cinnamon, Ceylon, 1 lb bot.	10.50	11.00
Leaf, 5 lb bot	1.40	1.50

CITRONELLA, Ceylon		
1000 lb drums	.50	.52
50 lb tins	.52	.55
Java, 400 lb drums	.95	1.00
50 lb tins	1.05	1.15
Cloves, USP, 50 lb cans	1.85	1.90
6 lb bot	1.90	2.00
Copaiba,	.48	.50
Coriander, USP, 1 lb bot.	9.50	10.00
Croton, USP, 25 lb tins	.90	.95
Cubebs, USP, 5 lb bot	4.50	4.75
Cumin, 1 lb bot	10.50	11.00
Dill, 25 lb cans	3.75	4.00
Erigeron 20 lb tins	3.25	3.75
EUCALYPTUS, Austl USP,		
50 lb cs	.57	.58
500 lb drums	.55	.56
Fennel, USP, 25 lb tins	.80	.90
Geranium, African, 25 lb cans	5.25	6.00
Bourbon, 25 lb tins	4.00	4.25
Turkish, 25 lb tins	3.75	4.00
Ginger, 1 lb bot	10.00	11.00
GINGER, 25 lb tins	2.50	2.75
Hemlock, 25 lb tins	.82	.85
Josper Berries, USP, 25 lb tins	2.25	2.50
Lavender, USP, 25 lb tins	.50	.55
Lavender USP, 25 lb cans	5.00	5.75
Spice, Spanish, 50 lb cans	1.10	1.75
LEMON, Ital USP, 25 lb cans	1.45	1.75
Terpeneless	8.00	10.00
American, USP, 25 lb cans		1.50
LEMONGRASS, native 50 lb cans	1.00	1.10
Limes, Express, 25 lb tins	6.50	6.75
Distilled, 25 lb tins	2.25	2.50
Linaloe, Mex, 30 lb cans	3.50	3.75
Mace, distilled, 50 lb tins	1.40	1.50
Mirbane, ref, see Ar. Chemicals		
Mustard, USP, 1 lb bot	14.00	14.25
Artif, USP, 5 lb bot	2.10	2.25
Neroli, Bigarde 1/4 & 1 lb bot.	75.00	100.00
Petale, 1 lb bot	100.00	125.00
Artificial, 1 lb bot	10.00	20.00

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## Essential Oils

Nutmeg, USP, 25 lb tins .....	D	1.40	: 1.80
Orange, bitter, 25 lb tins .....	D	2.70	: 2.75
Sweet W Ind, 25 lb tins .....	D	2.55	: 2.75
Italian, 25 lb cop .....	D	2.65	: 3.00
American 25 lb tins .....	D	2.70	: 2.80
Distilled, 25 lb tins .....	D	1.70	: 1.75
Spanish, 25 lb tins .....	D	2.75	: 2.90
Origasum, 50 lb cans tech. ....	D	.25	: .28
Fansley, 1 lb bot .....	D	3.50	: 3.60
Patchouli, 5 lb bot .....	D	4.50	: 5.00
Pearlgrain, dom., 25 lb tins .....	D	1.90	: 2.00
Imported, 25 lb tins .....	D	1.65	: 1.70
PEPPERMINT, nat 60 lb cases .....	D	18.00	: 19.00
Reds, USP, 60 lb cases .....	D	19.00	: 20.00
Petit Grain, S. A. 25 lb tins .....	D	2.35	: 2.35
French, 1 lb bot .....	D	6.50	: 7.00
Italian, 25 lb tins .....	D	2.20	: 2.30
Pimento, 25 lb tins .....	D	3.50	: 3.85
Pinus Sylvestris 25 lb tins .....	D	.85	: 1.25
Pumilio, USP, 25 lb tins .....	D	2.25	: 2.80
Rose, Fr., 8, 16, & 32 oz pks. on	D	9.00	: 9.50
Bulg, 8, 16 & 32 oz pks. ....	D	9.50	: 11.00
Artificial, 1 lb bot .....	D	2.00	: 2.75
Rosemary, USP, 27 1/2 lb tins .....	D	.47 1/2	: .52 1/2
1000 drums .....	D	.45	: .47
Tech. 27 1/2 lb tins .....	D	.37 1/2	: .38
Rose, 1 lb bot .....	D	...	: 4.00
Sandalwood, E. Ind. USP, 75 lb	D	7.00	: 7.10
cases .....	D	2.25	: 2.35
W. Indian (Amayris) 25 lb tins .....	D	.85	: 1.00
Sassafras, USP, 50 lb cans .....	D	.37	: .39
Artificial, 1000 lb drs. 60 lb cans .....	D	2.15	: 2.30
Savin, 50 lb tins .....	D	8.00	: 8.25
Spearmint, USP, 60 lb cases .....	D	.82	: .85
Spruce, 50 lb tins .....	D	3.10	: 3.25
Tansy, Amer., 20 lb tins .....	D	.35	: .39
Tar, 50 gal bbls .....	D	.80	: .85
Refined, USP, 25 lb tins .....	D	.95	: 1.00
Thyme, red, USP, 25 lb tins .....	D	.65	: .70
White, USP, 25 lb tins .....	D	...	: ...
Tech, 110 lb drums .....	D	...	: ...

Vetiver, Bourbon, 1 lb bot .....	D	12.00	: 14.00
Indian, 1 lb bot .....	D	30.00	: 40.00
Java, 1 lb bot .....	D	20.00	: 22.00
Wine, heavy, 1 lb bot .....	D	...	: 1.50
WINTERGREEN			
Sweet beh., 25 lb tins .....	D	2.50	: 3.00
Southern, 25 lb tins .....	D	1.85	: 2.00
Gaultheria, true 25 lb tins .....	D	7.00	: 8.00
Southern, 25 lb tins .....	D	3.75	: 4.00
Synthetic, see Methyl Salicylate			
Wormseed, Bait USP, 25 lb tins .....	D	4.75	: 5.00
Wormwood, dom. 25 lb tins .....	D	4.00	: 4.50
Ylang Ylang, Bourbon, 10 lb tins	D	9.00	: 10.00
No 1 .....	D	6.00	: 7.00
No. 2 .....	D	35.00	: 40.00
Maulia, 1 lb bot .....	D	...	: ...

### OLEORESINS

Aspidium, USP, 1 lb bot .....	D	2.00	: 2.25
Capitum, USP, 1 lb bot .....	D	2.00	: 2.25
Cubeb, USP, 1 lb bot .....	D	4.00	: 4.50
Jinger, 5 lb bot .....	D	3.25	: 3.50
Malefura, see Aspidium			
Orris, 1 lb bot .....	D	15.00	: 18.00
Pepper, black USP, 1 lb bot .....	D	3.50	: 3.75
Vanilla, 1 lb bot .....	D	16.50	: 22.00

## Aromatic Chemicals

### NATURAL DERIVATIVES

Anethol, 2 lb bot .....	D	1.00	: 1.25
Barnol, 1 lb bot .....	D	2.50	: 3.60
CITRAL, 250 cans .....	D	2.75	: 3.00
Citronellal 1 lb bot .....	D	2.50	: 3.00
EUCALYPTOL, USP, 50 lb cans .....	D	.90	: .95
Eugenol, USP, 25 lb cans .....	D	2.75	: 3.00
Geraniol, Domestic, 50 lb cans .....	D	3.00	: 3.50
Imported, 5 lb bot .....	D	3.25	: 3.75
Iso-Eugenol, 1 lb bot .....	D	3.75	: 3.90
Imported .....	D	3.75	: 3.90

Linalool, 5 lb bot .....	D	6.00	: 6.25
From Bois de Rose, 5 lb bot .....	D	7.00	: 7.25
MENTHOL, 60 lb cases .....	D	11.75	: 12.00
less cases, 5 lb cans .....	D	11.90	: 12.25
Rhodinol, 1 lb bot .....	D	16.00	: 20.00
Extra, 1 lb bot .....	D	35.00	: 42.00
SAFROL, drums .....	D	.31	: .32
60 lb cans .....	D	.33	: .34
Thymol, USP, 25 lb tins .....	D	3.75	: 4.00

### SYNTHETIC AROMATICS

Acetophenone, CP 1 lb bot .....	D	3.50	: 3.75
Aldehyde, C-8 (Octyl) 1 lb bot .....	D	45.00	: 60.00
C-8 (Nonyl), 1 lb bot .....	D	70.00	: 75.00
C-10 (Decyl), 1 lb bot .....	D	50.00	: 58.00
C-12 (Dodecyl), 1 lb bot .....	D	27.50	: 32.50
C-14, 1 lb bot .....	D	22.50	: 25.00
C-16, 1 lb bot .....	D	70.00	: 80.00

Aubepine, see Anisic Aldehyde			
Amyl Acetate, pure 5 gal can. gal	D	4.75	: 5.50
Butyrate, 1 lb bot .....	D	1.90	: 2.00
Cinnamate, 1 lb bot .....	D	4.00	: 4.50
Formate, 1 lb bot .....	D	1.75	: 2.00
Phenyl Acetate, 1 lb bot .....	D	4.50	: 5.00

SALICYLATE, dom. 100 lb	D	1.45	: 1.50
chys .....	D	2.25	: 2.50
Valerate, 5 lb bot .....	D	2.75	: 3.00
Anisic, Aldehyde, 1 lb bot .....	D	3.00	: 3.25
BENZALDEHYDE, USP, 40 lb chys .....	D	1.30	: 1.40
FFC, 40 lb chys .....	D	1.40	: 1.50
Imported, USP, .....	D	1.00	: 1.10

Benzoic Ether, see Ethyl Benzoate			
Benzophenone 1 lb bot .....	D	4.50	: 5.00
Benzyl Acetate, 100 lb chys .....	D	1.35	: 1.50
Alcohol, 5 lb bot .....	D	1.45	: 1.60
BENZOATE 5 lb bot .....	D	1.35	: 1.40
Medicinal FFC .....	D	1.45	: 1.60
Butyrate, C.F., 1 lb bot .....	D	6.00	: 6.50
Cinnamate 1 lb bot .....	D	9.75	: 10.00
Formate, 1 lb bot .....	D	3.25	: 3.50

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## Aromatic Chemicals

Benzyl Propionate, 1 lb bot. ....	5.00	5.25	iso-Safrol, 1 lb bot. imp. ....	3.75	4.00	Terpinyl Acetate 25 lb cans ....	1.25	1.35
Benzyl Acetate, 1 lb bot. ....	3.25	3.50	Domestic, 5 lb bot. ....	3.50	3.75	Imported, 25 lb cans ....	1.25	1.35
Bromistrol, 25 lb cans ....	3.75	4.25	Linyl Acetate, 1 lb bot. ....	8.00	9.50	TERPENEOL, CP, 1000 lb drs. ....	.35	.37
isyl Ambrosiate, 1 lb bot. dom. ....	...	16.00	Benzoate, 1 lb bot. ....	12.00	14.00	Cans, 50 lb. ....	.39	.41
isyl Ether, See Ethyl Butyrate			Formate, 5 lb bot. ....	10.50	12.00	Absolute, 25 lb cans ....	.50	.70
Cinnamic Acid, 5 lb cans ....	2.90	3.25	Methyl Acetophenone ....	3.75	4.00	Imported, 25 lb cans ....	.40	.42
Alcohol, liquid 1 lb bot. ....	6.00	7.00	ANTHRANILATE dom. 1 lb bot. ....	2.50	3.25	VANILLIN, USP, 500 oz. cans. ....	...	.49 1/2
Crystallizable ....	7.75	9.00	Imported ....	2.75	3.75	Cans, 16 oz., 80 oz. ....	.50	.51
Aldehyde ....	3.00	3.25	Benzoate, 5 lb bot. import. ....	1.90	2.00	Second Hands ....	.47	.50
CITRONELLOL, 1 lb bot. ....	7.50	9.00	Domestic, 5 lb bot. ....	1.75	2.00	Valerianic Ether, See Ethyl Valerate		
Imported 1 lb bot. ....	7.75	9.00	Cinnamate, 1 lb bot. ....	3.75	4.25	Yara Yara, 1 lb cans ....	1.80	1.80
Citronellyl Acetate, 1 lb bot. ....	13.00	14.00	Hephenone, 1 lb bot. ....	8.00	8.50	PERFUMERS' SUNDRIES		
COUMARIN, 25 lb cans ....	3.10	3.25	Paracemol, 1 lb bot. ....	8.00	9.00	Almond Meal, 25 lb cans ....	.24	.25
DIETHYL PHTHALATE, 25 lb cans ....	.32	.33	Phenylacetate, 5 lb bot. dom. ....	3.75	4.00	Amber, liquid, 400 lb drs. ....	2.30	2.30
500 lb cans ....	.30	.33	SALICYLATE, USP 500 lb			Ambergis, black, bxs. ....	8.00	10.00
Diphenyloxide, 25 lb tins. ....	.85	.90	drums ....	...	.49	Ambergis, gray, bxs. ....	...	20.00
Ethyl Acetate, pure, 5 lb bot. ....	.45	.50	50 lb cases ....	...	.45	Balsam Copaiba, Para, 80 lb cases ....	.54	.55
Benzoate, 5 lb bot. ....	1.75	1.90	Second Hands ....	.42	.45	South American, 80 lb cases ....	.58	.60
Butyrate, 5 lb bot. ....	1.90	2.10	Mirbane, rect., 1000 lb drums ....	.12	.14	Peru, 120 lb cases ....	1.80	1.90
Caproate, 1 lb bot. ....	3.25	3.50	Musk Ambrette, 1 lb cans ....	10.00	10.50	Tolu, 90 lb cases ....	1.40	1.50
Cinnamate, 1 lb bot. ....	3.55	3.75	Ketone, 1 lb cans ....	11.50	12.00	Benzoin Gum, Siam, bxs. ....	1.30	1.35
Formate, 5 lb bot. ....	.90	1.25	Xylene, 5 lb cans ....	3.25	3.50	Castoreum, 1 lb bot. ....	3.75	4.00
Ethyl-methyl Paracemol, 1 lb bot. ....	3.25	3.50	Nerolin, 1 lb cans ....	1.50	1.60	Chalk, precip. light, 175 lb bbls. ....	.04 1/2	.05
Ethyl Phenylacetate, 5 lb bot. ....	3.75	4.00	Oenanthe Ether, 1 lb bot. ....	1.75	2.00	Cherry Laurel Water, 5 gal cans. ....	1.15	1.25
Propionate, 1 lb bot. ....	1.75	2.00	Para-Cymene, Refd., 110 gal. drs. ....	2.35	2.50	Civet Abyssin horns ....	2.10	2.25
Valerate, 5 lb bot. ....	...	3.75	Phenylacetaldehyde, Dom.			Labdanum, 5 lb bot. ....	7.50	8.00
Salicylate, 5 lb bot. ....	2.00	2.10	1 lb bot. 50 p.c. ....	8.00	8.50	Lanolin hydrous, 350 lb bbls. ....	.15	.21
Fernic Ether, See Ethyl Formate			Imported, 50 p.c. ....	7.00	7.50	Anhydrous, 350 lb bbls. ....	.18	.23
Geranyl Acetate, 1 lb bot. ....	4.50	5.00	80-85 p.c. ....	14.00	16.00	Musk pods, Cabardine, tins. ....	16.00	17.00
Butyrate, 1 lb bot. ....	13.00	13.50	Phenylacetic Acid, 1 lb bot. ....	3.00	3.25	Tonguin, tins. ....	22.00	25.00
Formate, 1 lb bot. ....	12.00	12.50	Phenyl Diacetate, 1 lb bot. ....	3.25	3.50	Grains. Cabardine, tins. ....	25.00	26.00
Heliotropin, dom., 100-10 lb. ....	1.85	2.00	1 lb bot. ....	8.00	10.00	Tonguin, tins. ....	34.00	35.00
Imported ....	2.00	2.25	Imported ....	7.00	7.75	Synthetic, See Aromatic Chemicals		
Hydroxylcitronellal, 1 lb bot. ....	12.00	14.00	Phenylethyl Alcohol, 1 lb bot. ....	6.00	7.00	Oris Et. Flor., powd bbls. ....	.12	.13
Indol, CP, 1 oz. bot. ....	6.00	6.50	Phenylethyl Butyrate, 1 lb bot. ....	25.00	28.00	Verena, powd bbls. ....	.10	.11
Iosene, 1 lb bot. 100% ....	10.00	11.00	Formate, 1 lb bot. ....	10.00	11.00	Petrolatum, snow white 350 lb bbls. ....	.13 1/2	.14
Alpha ....	14.50	16.00	Propionate, 1 lb bot. ....	20.00	24.00	Light Amber, 350 lb bbls. ....	.04 1/2	.05 1/2
Beta ....	12.75	14.50	Valerate, 1 lb bot. ....	25.00	29.00	Rice Starch, 140 lb bags ....	.09	.10
Methyl ....	16.00	18.00	Phenylpropylalcohol, 1 lb bot. ....	15.00	16.00	Rose Water, 6 2-3 gal cbs. ....	1.00	1.25
iso-Butyl Benzoate, 5 lb bot. ....	4.75	5.00	Skatol, 1 oz. bot. ....	7.00	7.25	Sandalwood chips, powd., bags. ....	.30	.45

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**ALBUMEN**—45 cs., Order, Hankow; 50 cs., Seral Trdg Corp., Hankow; 134 cs., Intern Banking Corp., Tientsin; 20 cs., First Nat Bank Boston, Tientsin; 30 cs., Kidder Peabody Acceptance Corp., Tientsin; 180 cs., Order, Tientsin; 2,614 pgs., Order, Hankow

**ALCOHOL**—50 bls., 50 drs., C. Estevas, Arecibo; **Butyl**, 40 cks., H. A. Metz & Co., Rotterdam; 85 cks., Kuttroff Pickhardt & Co., Rotterdam; **Denatured**, 100 bls., C. Estevas, Arecibo; **Methyl**, 145 cks Kuttroff Pickhardt & Co., Rotterdam

**ALOES**—60 cs., R. Desvervigne, Curacao  
**AMMONIUM-Nitrate**, 259 cks., Kuttroff Pickhardt & Co., Hamburg; **Oxalate**, 13 kegs Order, Antwerp

**ANTIMONY-Oxide**, 250 bgs., Sino Java Handels Inc., Hankow; **Regulus**, 1,000 cs., Stanley Fullwood, London; 250 cs., Order, Hankow; 250 cs., Order, Hamburg

**ARGOLS**—140 bls., Royal Baking Powder Co., Lisbon; 189 bgs., Royal Baking Powder Co., Tarragona; 125 bgs., Irving Bank, Tarragona; 28 cks., Tartar Chem Works, Naples; 42 cks., Royal Baking Powder Co., Lezhorn  
**ARSENIC**—10 cks., Pfaltz & Bauer, Hamburg

**BARIUM CHLORIDE**—36 cks., A. Klipstein & Co., Hamburg; **Khodan**, 5 cks., Jungmann & Co., Havre; 30 bls., Merck & Co., Ham-

**BALSAM**—Copaiva, 115 cs., Order, Para; **Tolu**, 20 cs., Order, Hamburg

**BARKS**—13 bls., Order, Trieste; 60 bls., Peek & Velsor, Hamburg; 20 bgs., Order, Hamburg; **Cinchona**, 21 bls., Order, London  
**Mangrove**, 775 bgs., P. A. Andrade & Son, Cape Haitien

**BARYTES**—100 sks., Order, Genoa; 35 cks., Schall Color & Chem Corp., Rotterdam; 500, 000 kilos Ore & Chem Corp., Rotterdam; 8 brls., Order, Hamburg; **Carbonate**, 250 bgs., A. Klipstein & Co., Rotterdam

**BARYTHYDRAT**—138 brls., Innis Speiden & Co., Hamburg

**BENZOL**—1 brl., E. W. Dean, Hamburg  
**BONE ASH**—20 brls., C. B. Chrystal, Liverpool

**BUTYLALDEHYDE**—3 cks., H. A. Metz & Co., Rotterdam

**CALCIUM-Nitrate**, 25 cks., Kuttroff Pickhardt & Co., Rotterdam

**CHALK**—818.175 kilos, I. W. Higman & Co., Durkirk; 500 tons, Ta'ntor Trdg Co., London; 100 bgs., Brown Bros. & Co., London; 1,800 bgs., Nat City Bank, Antwerp; 500 bgs., Amer Exch Nat Bank, Antwerp; 1,000 bbs., Order, Antwerp; 1,300 bgs., Reichard Coulston Inc., Antwerp

**CHEMICALS**—328 bgs., 100 cks., Order, Glasgow; 134 bgs., Roessler & Hasslacher, Bremerhaven; 10 cs., H. Lieber & Co., Hamburg; 3 cks., Dissosway Chem Co., Rotterdam; 100 cks., Hans Hinrichs, Rotterdam; 300 lbs., P. Thich & Co., Rotterdam; 625 cs., W. Van Doorn, Rotterdam; 120 cks., 50 cs., 80 balloons, Roessler & Hasslacher, Rotterdam; 10 cks., Manhattan Chem Co., Rotterdam; 100 drs., Dissosway Chem Co., Rotterdam; 360 cks., Roessler & Hasslacher, Rotterdam; 28 bgs., Pfaltz & Bauer, Hamburg; 15 cs., Elmer & Amend, Hamburg; **Products**, 442 ccs., Anso So Amer Trust Co., Havre; 30 bls., Merck & Co., Ham-

burg; 15 cs., F. B. Vandergrift & Co., Antwerp; 40 cks., Order, Hamburg; **Prepara-**

**tions**, 10 cs., Order, Bremen

**CHROME OXIDE**—8 cks., Reichard Coulston Inc., Rotterdam; 30 kegs, Order, Glasgow

**CINCHONIDINE**—50 cs., R. W. Greeff & Co., Rotterdam; **Sulfate**, 2 cs., Irving Bank, Havre

**CLAY**—40 cks., W. Van Doorn, Rotterdam; **Burnt**, 40 bgs., H. W. Robinson & Co., London

**COAL TAR DISTILLATE**—273 drs., Order, Liverpool; **Preparation**, 2 cs., Franklin Imp & Exp Co., Hamburg

**COCHINEAL**—25 bgs., Order, Liverpool

**COLORS**—3 cs., Wettwald & Pfister, Havre; 14 cs., Order, London; 3 cs., Carbic Color & Chem Co., London; 94 pgs., Ciba Co., London; 32 cs., Baer Bros., Bremerhaven; 7 cs., J. C. Robold & Co., Hamburg; 21 cks., G. Siegle Corp of America, Hamburg; 3 cks., Franklin Imp & Export Co., Hamburg; 4 cks., H. A. Metz & Co., Hamburg; 17 cs., P & P Chem Co., Bremen; 54 cks., General Dyestuff Corp., Rotterdam; 4 cks., Color Service Corp., Rotterdam; 83 cks., 3 drs., Kuttroff Pickhardt Co., Rotterdam; 8 cks., Geigy Co., Antwerp; 4 brls., Irving Bank, Antwerp; 2 cks., A. Klipstein & Co., Rotterdam; 12 sylEnders Sandoz Chem Works, Havre; 5 cks., Reichard Coulston Inc., Havre; 9 cks., Geigy Co., Inc., Havre; 9 cks., carbic, Color & Chem Co., Havre; 86 pgs., 1 ck. Ciba Co., Inc., Havre; **Bronze**, 3 cs., P. H. Petry & Co., Bremen; 4 cs., Hensel Kruckmann & Lorbacher, Bremen; **Coal Tar**, 3 cks., General Dyestuff Co., Rotterdam; **Earth**, 30 cks., A. Northridge, Bremerhaven; 33 cks., Ferrelle & Sperrle, Bremerhaven; 25 cks., C. J. Osborn & Co., Hamburg

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- HERBS**—8 bls., Parke Davis & Co., Hamburg; 75 bls., Order, Hamburg
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- HYDROGEN PEROXIDE**—20 carboys, Clegg Chem Co., London
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- JUICE**—Lemon, 160 brls., Pfizer & Co., Palermo; Lime, 150 cs., J. P. Smith & Co., London; 30 hds., 3 Puns Middleton & Co., Dominica; 70 cks., F. B. Vandegrift & Co., Dominica; 7 cks., Park Benziger & Co., St. Lucia; 10 cks., C. W. Jacobs & Allison, Dominica; 19 hds., Middleton & Co., Dominica
- LAMP BLACK**—80 cs., F. B. Vandegrift & Co., Dunkirk
- LEAD ACETATE**—11 cks., Order, Rotterdam
- LEAVES**—69 bls., F. W. Gertzen Co., Marseilles; 28 bls., Order, Marseilles
- LIME CITRATE**—87 cks., C. Pfizer & Co., Messina; Quick, 25 cs., Koessier & Hasslacher Chem Co., Hamourg; Tartrate, 59 cs., C. Pfizer & Co., Alicante; 783 cks., C. Pfizer & Co., Valencia
- LINALYL ACETATE**—1 cse., G. Lueders & Co., Hamburg
- LITHOPONE**—20 drs., Superfos Co., Rotterdam
- MAGNESITE**—6 cs., Alumino Thermic Corp., Trieste
- MAGNESIUM**—2 cases, Mallinckrodt Chem Works, Bremerhaven; Calcined, 5 cks., Lo Curto & Funk, Liverpool; Carbonate, 50 cs., Lo Curto & Funk, Liverpool; 16 cs., Order, Leith; Chloride, 185 drs., Mfrs. Trust Co., Hamburg; 184 drs., Mfrs. Trust Co., Hamburg; 18 cks., A. Klipstein & Co., Hamburg; 377 drs., Innis Speiden & Co., Hamburg; Fluoride, 32 cks., Jungmann & Co., Hamburg
- MANGANESE CHLORIDE**—22 cks., Order, Glasgow
- MANURE SALT**—453,850 kilos, Potash Impgt Corp. of America, Hamburg
- MEDICINALS**—3 brls., J. Monroy, Havana; 7 cs., Burroughs Wellcome & Co., London; 11 cs., J. Personeni Inc., Genoa; 40 cs., Lauran & Kemp, Cartagena
- MENTHOL**—10 cs., Mfrs. East Impgt Co., Kobe; 20 cs., W. H. Linder, Osaka
- MERCURY**—15 flasks, Haas Bros., Tampico; Quicksilver, 18 flasks, Norvell Chem Corp., Vera Cruz
- METHYL DYPHENYLAMINE**—1 drum, Mat-tawan Mfg Co., Liverpool
- MINERAL WHITE**—100 bgs., Whittaker Clark & Daniels, Hull
- MYROBALANS**—5734 pkts, Order, Calcutta
- NAPHTHALENE**—503 bgs., Innis Speiden & Co., Hamburg
- NICKEL SULFATE**—15 cks., Gallagher & Ascher, Rotterdam
- OCBRE**—100 brls., J. Lee Smith & Co., Marseilles; 180 brls., Reichard Coulston Inc., Marseilles; 69 brls., Grace Nat Bank, Marseilles; 168 brls., Reichard Coulston Inc., Marseilles; 14 cks., W. H. Muller & Co., Marseilles
- OILS**—Cod, 70 cs., Commonwealth & Chem Co., St. Johns; 100 cks., Kidder Peabody Acceptance Corp., St. Johns; 32 cks., R. Badcock & Co., St. Johns; Codliver, 80 brls., Mead Johnson & Co., St. Johns; Fusel 1 tri., P. R. Pele, Hamburg; Olive, 520 cs., Order, Genoa; 85 cs., Fiske & Brown, Marseilles; 100 brls., Order, Marseilles; 100 cks., Order, Palermo; 90 cs., Baldwin Univ. Co., Genoa; 515 cs., Order, Genoa; 100 cs., Irving Bank, Malaga; 200 cs., F. A. Marsily & Co., Malaga; 100 cs., 25 brls., Order, Malaga; 515 cs., J. P. Smith & Co., Marseilles; 135 cs., Cafiero & Menacer, Genoa; 700 cs., F. Romeo & Co., Trieste; 1,725 cs., Order, Trieste; 75 cs., J. Personeni Inc., Leghorn; 250 cs., Ital Discount & Trust, Leghorn; 400 cs., S. Galle & Co., Leghorn; 880 cs., F. Romeo & Co., Leghorn; 1,645 cs., Order, Leghorn; 250 cs., Order, Leghorn; Palm, 31 cks., Littlejohn Co., Liverpool; 295 cks., African & Eastern Trdg Corp., Hamburg; 92 cks., African & Eastern Trdg Corp., Hamburg; 354 pgs., Niger Co., Matadi; 456 cks., Irving Bank, Lagos; 512 cks., Africar & Eastern Trdg Co., Harcourt; 52 drs., Wile Corp., Cotonou; 35 puns, 447 cks., Order, Cotonou; 222 cks., African & Eastern Trdg Co., Rotterdam; 776 drs., Niger Co., Antwerp; 118 brls., Nat City Bank, Belawan; Rape, 185 brls., 50 bds., Order, Hull; Seal, 70 brls., Bowring & Co., St. Johns; 32 cks., R. Badcock & Co., St. Johns; Sulfur, 200 brls., Leghorn Trdg Co., Naples; 100 brls., Brown Bros. & Co., Palermo; Wood, 400 brls., Mitsubishi Shoji Kaisha, Hankow; 500 bds., Mitsui & Co., Hankow; 200 brls., Order, Hankow; 150 cks., D. L. Moss & Co., Shanghai
- OILS ESSENTIAL**—6 cs., Lantier Fils, Marseilles; 2 cs., G. W. Sheldon & Co., Marseilles; 5 cs., A. Chiris & Co., Marseilles; 1 cs., Pierre Lemoine & Co., Marseilles; 3 cs., Lantier Fils, Marseilles; 5 drs., N. Y. Trust Co., Alicante; 11 drs., Order, Alicante; 30 cs., Polaks Frutal Works, Rotterdam; 6 cs., Wangler Budd Co., Rotterdam; 9 drs., Balto & Ohio R. R. Co., Copenhagen; 4 drs., Bank of America, Batavia; 8 drs., Order, Batavia; Almond, 8 cs., A. Chiris & Co., Marseilles; 2 cs., G. Gross Co., Marseilles; 2 drs., Order, London; Bay, 5 cs., E. F. Darrell & Co., Dominica; 4 cs., Dodge & Olcott Co., Dominica; 4 cs., E. F. Darrell & Co., Dominica; 3 cs., Gillespie & Co., Dominica; Cananga, 3 drs., Order, Batavia; 1 drum, G. Lueders & Co., Batavia; Cassia, 16 cs., Order, London; Citronella, 5 drs., C. T. Wilson & Co., Colombo; 4 drs., Nat Bank of Commerce, Sourabaya; 2 drs., Equit Trust Co., Batavia; 8 drs., Nat Bank of Commerce, Batavia; 3 drs., Order, Batavia; 7 drs., J. W. Green & Co., Batavia; 176 bgs., Equit Trust Co., Batavia; 4 drs., Catz Amer Corp., Batavia; Juniper Berry, 2 cks., Dodge & Olcott Co., Hamburg; Lemon, 25 cs., Order, Messina; Lemongrass, 6 drs., Order, London; Lime, 11 cs., Park Benziger & Co., St. Lucia; 3 cs., Dodge & Olcott Co., Dominica; 5 cs., Order, Dominica; Orange, 100 cs., G. Lueders & Co., Messina; 25 cs., Order, Messina; 25 bxs., Order, Palermo; Palmarosa, 3 drs., G. Lueders & Co., London; Pimento, 1 cse., G. Lueders & Co., Hamburg; Sandalwood, 4 cs., Riedel & Co., Hamburg; Ylang Ylang, 4 cs., C. G. Euler, Marseilles; 6 cs., Unger & Co., Marseilles
- PERAMYL**—1 drum, H. Hinrichs Chem Co., Hamburg
- PHARMACEUTICAL PRODUCTS**—4 cs., Lo Curto & Funk, Havre; 6 cs., Ciba Co., Havre; 3 cs., G. J. Wallau, Havre; 9 cs., E. Fougere & Co., Havre; 52 pgs., E. Fougere & Co., Havre; 12 cs., G. J. Fajardo, Mayaguez
- PHOSPHOROUS**—Red Amorphous, 40 cs., Philipp Bauer & Co., Gothenburg; 20 cs., Philipp Bauer & Co., Kotka; Sesquioxide, 10 cs., Uniform Chemical Products, London
- POTASSIUM SALTS**—38 cks., Order, Bremerhaven; 16 cks., A. Klipstein & Co., Bremerhaven; Carbonate, 31 cks., Parsons & Petit, Hamburg; Caustic, 101 cks., A. Klipstein & Co., Hamburg; Chlorate, 800 cs., Uniform Chem Products Co., Kotka; 1,250 cks., Monmouth Chem Co., Hamburg; 50 cks., Uniform Chem Products Inc., Hamburg; Cyanide, 68 cs., Roessler & Hasslacher, Hamburg; Muriate, 7,000 bgs., Potash Impgt Corp. of America, Bremen; 4,000 bgs., Potasses d'Alsace, Antwerp
- POTATO STARCH**—250 bgs., Grace Nat Bank, Copenhagen
- PUMICE STONE**—7719 bgs., Order, Canneto, Lipari; Lump, 75 bgs., Eric R. R. Co., Canneto, Lipari; Powder, 105 bgs., Eric R. R. Co., Canneto, Lipari; 700 bgs., C. Chrystal Co., Canneto, Lipari
- PYRIDINE**—6 drs., U. S. Navigation Co., Hamburg; 41 brls., Order, Hamburg
- QUININE**—70 cs., R. W. Greff & Co., Rotterdam
- ROOTS**—22 bgs., J. L. Hopkins Co., Hamburg; 8 bls., McLaughlin Gormley & King, Hamburg; 103 bls., M. Techow, Antwerp; 11 bgs., McKesson & Robbins, Hamburg; 3 bls., J. L. Hopkins Co., Marseilles; Arrow, 9 brls., Raymond Hixley Co., Trinidad; Canagria, 160 cks., Parke Davis Co., Vera Cruz; 127 cks., T. S. Todd & Co., Vera Cruz; 85 cks., W. Benkert & Co., Vera Cruz; 94 cks., Order, Vera Cruz; Goggrass, 97 bgs., McLaughlin Gormley & King, Hamburg; Hellebore, 20 bls., S. B. Penick & Co., Marseilles; Ginger, 22 bgs., D. Steengrafe, Ponce; Sarraparilla, 30 bls., R. F. Raab, Tampico; 6 bls., Eggers & Heinlein, Rotterdam
- SAFFRON**—1 cse., Frank Tea & Spice Co., Alicante
- SALT**—840 cks., W. A. Hazard & Co., Liverpool
- SEEDS**—10 bgs., McLaughlin Gormley & King Marseilles; 16 bls., F. W. Gertzen & Co., Marseilles; 52 bls., Archibald & Lewis Marseilles; 11 bls., Knickerbocker Mills, Marseilles; 13 bgs., S. B. Penick & Co., Marseilles; 10 bls., J. L. Hopkins Co., Marseilles; 45 bgs., Eli Lilly & Co., Hamburg; Anise, 100 bgs., First Nat Bank Minn, Kobe; Annato, 25 bgs., D. Steengrafe, Ponce; 25 bgs. D. Steengrafe, Ponce; 500 bls., Archibald & Lewis, Rotterdam; Castor, 196 bgs., W. & A. Leaman, Port de Paix; 80 bgs., K. Mandel & Co., Connaives; 100 bgs., Order, Connaives; 4,064 bgs., Baker Castor Oil Co., Pernambuco; 6 bgs., Arnold Dorr Co., Pernambuco; 2,032 bgs., Seaboard Nat Bank, Pernambuco; 2,032 bgs., Baker Castor Oil Co., Pernambuco; 83 bgs., E. M. Javitz & Son, Cape Haitien; 40 bgs., J. L. Hachtmann & Co., Port de Paix; 39 bgs., Hutt-finger & Struller, Port de Paix; 200 bgs., W. & A. Leaman, Port de Paix; 76 bgs.,



Hottlinger & Struller, Gonaives; 89 bgs., E. M. Javitz & Sons, Gonaives; Corlander, 376 bgs., Order, Copenhagen; 1,026 bgs., J. O'Hana, Casablanca; 375 bgs., R. Moellhausen, Casablanca; 200 bgs., Order, Casablanca; Cummin, 125 bgs., J. O'Hana, Casablanca; 114 bgs., R. C. Staudinger, Casablanca; 113 bgs., C. E. Armstrong, Casablanca; 341 bgs., G. W. Sheldon & Co., Casablanca; Mustard, 319 bgs., A. Joenson Co., Hull; Rape, 100 bgs., Nungesser Dickinson Seed Co., Rotterdam; 100 bls. A. G. Dunn, Rotterdam; 67 bgs., Order, Antwerp; 111 bgs., A. Dunn, Hamburg

SHELLAC—100 bgs., J. W. Green & Co., Calcutta; 100 bgs., H. W. Peabody & Co., Calcutta; 300 bgs., Brown Bros & Co., Calcutta; 100 bgs., M. L. Barrett & Co., Calcutta; 100 bgs., Chatham & Phenix Nat Bank, Calcutta; 100 bgs., Goschens & Cunliffe, Calcutta; 3,812 bgs., 155 chests Order, Calcutta; 12 chests, Order, London; Button Lac, 100 bgs., Order, Calcutta; Garnet Lac, 400 bgs., Brown Bros & Co., Calcutta; Seedlac, 188 bgs., H. W. Peabody & Co., Calcutta; Stick lac, 100 bgs., Marx & Rawolle, Calcutta

SOAP—100 cs., Order, Marseilles; 67 cs., J. C. Murray Co., Rotterdam

SODIUM SALTS—Chlorate, 1,200 brls., Monmouth Chem Co., Hamburg; Cyanide, 172 drs., Order, Liverpool; 1,810 drs., Roessler & Hasslacher, Hamburg; Fluoride, 100 cks., Roessler & Hasslacher, Hamburg; Nitrate, 500 tons, W. R. Grace & Co., Tocapilla; 20,787 bgs., W. R. Grace & Co., Chile; Phosphate, 314 cs., Roessler & Hasslacher, Antwerp; Silico, Fluoride, 200 bgs., Order, Rotterdam; Sulphate, 335 drs., C. S. Grant & Co., Rotterdam

SPICES—30 brls., Wolf Sayer & Heller, Hamburg; Bitters, 1,450 cs., J. W. Wupperman Trinidad; 100 cs., U. S. Fwdg. Co., Hamburg; Cassia, 300 bgs., Hongsh Love & Co., Canton; 500 bls., Order, Hongkong; Cinnamon Oil, 47 bls., W. Brandts Sons Co., Colombo; 30 bgs., Order, Colombo; Cloves, 500 bls., Order, London; 201 bls., Standard Bank of So Africa, London; Ginger, 100 bgs., F. A. Cie Occidentale Freetown; Mace, 120 cs., Order, Singapore; 1 cse., Order, Trinidad; 5 brls., 10 cs., B. H. Old & Co., Grenada; 9 brls., 3 cs., C. E. Armstrong, Grenada; 9 brls., 4 cs., 6 bgs., B. H. Old & Co., Grenada; 13 brls., 1 cse., Irwin Harrison & Whitnev, Grenada; 12 brls., 2 cs., Knickerbocker Mills Co., Grenada; 1 cse., Middleton & Co., St Vincent; 18 cs., Archibald & Lewis, Rotterdam; 4 cs., Catz Amer. Co., Sourabaya; 7 cs., Sino Java Handels, Sourabaya; 1 brl., Park Benziger Co., St Lucia

STRONTIUM CARBONATE—50 cs., C. Harvill Inc., Bremerhaven; Sulfite, 3 cs., A. Klipstein & Co., Hamburg

SUMAC—350 bgs., Amer Exch Nat Bank, Palermo; 140 bgs., Order, Palermo

TARTAR—100 bgs., C. Pfizer & Co., Marseilles; 167 bgs., Royal Baking Powder Co., Marseilles; 264 cs., Royal Baking Powder Co., Alicante; 482 sks., Tartar Chem Works, Valencia; 236 bgs., Harshaw Fuller & Goodwin, Marseilles

TRIPINYL ACETATE—3 cs., G. Lueders & Co., Hamburg

UMBER—66 cks., L. H. Butcher & Co., Hull

ULTRAMARINE—90 cks., 9 cs., Van Open & Co., Hull; 6 cs., Heller & Merz Co., Rotterdam; 1 cse., Kuttroff Pickhardt & Co., Rotterdam

UREA—50 cks., Kuttroff Pickhardt & Co., Rotterdam

WHITING—1320 bgs., French Amer Banking Corp., Dunkirk

WOODFLOUR—2,040 bgs., B. L. Soberski, Oslo; 400 bls., Order, Rotterdam; 1,650 bgs., Order, Gothenburg

ZINC—Chloride, 30 cs., Roessler & Hasslacher, Hamburg; Oxide, 50 brls., Innis Speiden & Co., Antwerp; Permanganate, 2 cks., Mallinckrodt Chem Co., Hamburg; White, 50 cks., E. M. & F. Waldo, Rotterdam

## IMPORTS AT PHILADELPHIA

Aug. 5 to 12

ACID, Phosphorous—10 cks., F. B. Vandegrift & Co., Rotterdam

ALUMINIUM NITRATE—450 bgs., Order, Rotterdam

AMMONIUM CHLORIDE—10 cks., Harshaw, Fuller & Goodwin, Rotterdam

BARYTES—100 bgs., Harshaw Fuller & Goodwin, Rotterdam

BAUXITE—1,000 tons, Order, Volo

CALCIUM CHLORIDE—19 cks., Intern'l. Accept. Bank, Rotterdam

CHALK—504,000 lbs., Taintor Trading Co., Inc., Dunkirk

CHEMICALS—2 cs., Powers-Weightman-Rosengarten, Havre; 30 cks., Roessler & Hasslacher Chem Co., Rotterdam

COPRA—400 pkgs., Central Union Tr. Co., Colombo

DRUGS—9 cs., McIlvaine Bros., Hamburg

GLYCERIN—16 cks., Order, Havre; 210 cks., Hercules Powder Co., Rotterdam

GUM COPAL—885 bgs., Brown Bros. & Co., Antwerp

MAGNESITE—2,000 tons, Harbison Walker Refractories Co., Trieste; 700 tons, E. J. Lavino, Ponce; 900 bgs., Gen'l. Mag. Co., Antwerp; 375 bgs., Order, Antwerp

MAGNESIUM CHLORIDE—736 drms., Mfr's Tr. Co., Hamburg

MANGANEFSE SULFATE—6 cks., J. Meyer & Sns Co., Rotterdam

MYROBALANS—1,940 pkts., Std. Bk. of So Afr., Calcutta

OIL—Olive, 110 cs., Giacomo Foti, Genoa; Palm, 226 cks., Afr. & East Trad. Co., Rotterdam; 42 cks., Afr. & East Trad. Co., Hamburg

POTASSIUM—Manure Salt, 1 lot, Potash Importing Co., Hamburg; Nitrate, 500 bgs., Potash Importing Co., Hamburg; 80 cks., Harshaw Fuller & Goodwin, Antwerp; 80 cks., Lee Bros. & Co., Antwerp; 80 cks., Order, Antwerp

ROOTS LICORICE—11,948 bls., Order, Smyrna; 431 sks., Order, Smyrna; 29 bls., Order, Smyrna; 276 sks., Order, Smyrna; 6,600 bls., McAndrews & Forbes Co., Killina

SALT—304,000 kilos, Chas Furz & Co., Rotterdam; 1 pdl., Chas Kurz & Co., Rotterdam

SEEDS—106 bgs., Order, Rotterdam; Canary, 22 cs., Eouit Tr. Co., Rotterdam

SHEET AC—50 bgs., Order, Calcutta

SODIUM—Nitrate, 257 bgs., Guaranty Trust Co., Brevik; 371 cks., Order, Hamburg; Sulfate, 149 drms., O. G. Hempstead & Son, Rotterdam

WOOD PULP—Chemical, 150 bbls., E. M. Serreant Co., Oslo; Sulfate, 1,200 bls., J. Anderson & Co., Greaker; 1,200 bls., Biegaard Co., Inc. Greaker; Sulfite, 3,988 bls., Order, Kotka; 789 bbls., Order, Kotka

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GLUE—Marine, 111 rgs., L. W. Ferdinand & Co., London; 1 cse., Thes Company, Marseilles

GUM—1 cse., Order, London; Gambler, 64 bgs., Order, Singapore

IRON—Oxide, 10 cks., L. H. Butcher Co., Liverpool; 85 cks., Order, Liverpool; 10 cks., W. N. Proctor Co., Liverpool

OIL—Cod, 2 bbls., Salem Oil & Grease Co., Yarmouth; 82 bbls., G. J. Tar & Co., Yarmouth; 100 bbls., Marden Wild Co., St. Johns; 160 csk., Marden Wild Co., St. Johns; Creosote, 149 cks., Order, Glasgow; Palm, 64 csk., Afr. & Eastern Trading Co., Liverpool

POTASH, Murate—10,990 bags, Potash Imp. Co. of America, Hamburg; 5,000 bags Order, Antwerp; 1,900 bags, Order, Antwerp

SALTS—Epsom, 250 bags Seaboard Nat Bk., Hamburg; Glauber, 250 bags, Brewer & Co., Hamburg

STICKLAC—200 bags, E. S. Parks Shellac Co., Singapore

TRAGASOL—200 csk., J. P. Marston & Co., Liverpool

ZINC—Ammonium Chloride, 23 csk., A. Klipstein & Co., Antwerp

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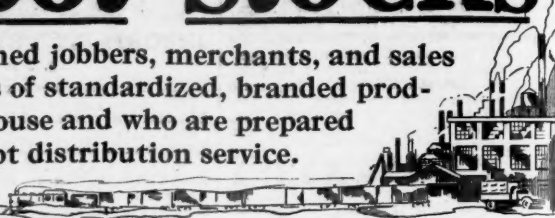
Freight rates on aqua ammonia and ammonia liquor have been changed in a new schedule filed by New York Central Railroad and approved by the Public Service Commission, effective Sept. 7. The rates have been changed from Geneva to Solvay, from Rochester and Solvay, and from Syracuse and Solvay to many other New York Central RR. stations. The rate from Solvay to Bush Terminal, Brooklyn, N. Y., is now 22.5c, a reduction of 6c cwt. Rates on calcium chloride liquor have also been reduced.

The U. S. Tariff Commission's agents were denounced in the German Reichstag, last week, as industrial spies. Dr. LeJeune attacking the agents' activities said that German industry and commerce regarded them as an exceptionally heavy burden to free trade relations.

C. C. Concannon, of the Chemical Division of the Department of Commerce, is spending his vacation at Bar Harbor, Maine.

# Local Spot Stocks

A selected list of established jobbers, merchants, and sales agents who carry stocks of standardized, branded products in local warehouse and who are prepared to render prompt distribution service.



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**SERVICE QUALITY**  
**MERCO**

STANDARD CHEMICALS  
FOR ALL PURPOSES

**MERCHANTS  
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INDIANAPOLIS ST. LOUIS

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MICHIGAN ALKALI CO'S  
SALES DEPARTMENT

**WISHNICK-TUMPEER  
CHEMICAL COMPANY**

**MAGNESIUM  
CARBONATE**

Stocks At  
Chicago Cleveland Brooklyn

See our Exhibit in the Tenth Ex-  
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Grand Central Palace, New York,  
Sept. 28 to Oct. 3rd, 1925.

**Whiting**

INDUSTRIAL CHEMICALS

**A. DAIGGER & COMPANY**

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**A. C. DRURY & CO.**

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Soda Ash, Caustic Soda, Neutral  
Soda, Washing Soda, Cleaner and  
Cleanser, Bicarbonate of Soda,  
Tri Sodium Phosphate, Oxalic  
Acid.

Address All Communications to Main Office

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**MATHIESON**

Liquid Chlorine-Caustic Soda-Soda Ash  
Bleaching Powder-Anhydrous Ammonia  
Modified Virginia Soda-Bicarbonate of Soda

Aqua Ammonia  
Brimstone  
Sulphur  
Saltpetre (Potassium  
Nitrate)  
Sodium Nitrate  
Potassium Chloride  
Amyl Acetate  
Butyl Acetate

Ethyl Acetate  
Butyl Alcohol  
Refined Fusel Oils  
Ether  
Alum (Aluminum  
Sulphate)  
Turpentine  
Rosin "B"

**The ULRICH CHEMICAL CO.**

606 OCCIDENTAL BUILDING  
INDIANAPOLIS

Main 6879—Lincoln 6879

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Amyl Ethyl Butyl

**IODIDES**

Potassium Sodium Ammonium

Manufactured by  
**Witbeck Chemical Corp'n**  
ALBANY NEW YORK

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Bleaching Powder-Anhydrous Ammonia  
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LABORATORIES**

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513 S. 2ND ST., ST. LOUIS

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Tri Sodium Phosphate  
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CLEANSING SODAS-ALKALIES  
SODIUM { BI-CARBONATE  
          { SILICATE  
          { NITRATE  
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Authorized Distributors for Diamond Alkali Co. and Victor Chemical Works

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AMMONIA  
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BLDG.

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DALLAS, TEXAS

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HARRISON  
ST.

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months

Three inches, \$75, three  
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*The Market-place for Used Machinery, Equipment, Drums,  
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## FOR SALE ENTIRE PLANT

DRYERS, KETTLES,  
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As Well As

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16" and 22" Schultz-O'Neil Mills  
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100 gal. W & P Mixer  
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## OFFERED FROM STOCK

12 Vacuum Shelf Dryers, Nos. 5-28  
20 Truck and Tray Type Dryers, vari-  
ous sizes and types  
10 Centrifugal Machines, copper and  
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16 Filter Presses, iron and wood, Sweet-  
lands and other types  
Copper Stills and Sulphonaters, iron and  
steel, 50 gal. - 2,000 gal.  
6 W.&P. Heavy Duty Mixing Machines,  
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10 Schutz-O'Neill Pulverizers, 28 inch.  
6 Raymond Pulverizers, 0-0000  
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2 Glen Falls Sulphur Burners  
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**Two Inches  
\$50 for 3 months**

(13 Issues)

## CHEMICAL MACHINERY WANTED What Have You To Offer?

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1 #3 Mead Mill, 24" Dia.  
1 #1 Kent Pulverizer  
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Wanted—Complete equip-  
ment for construction of Chemi-  
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trifugals, rollers mills, dryers,  
stills and Duriron, etc. Box 228.

DRUG & CHEMICAL MARKETS

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triple effect with heater, condensed  
pump, rebuilt by Manufacturer.  
**DRYERS**—2-6x25 Louisville steam; 1  
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**Payment**—Must accompany order, add 10c if replies are to be forwarded.  
**Address** "Wants & Offers"  
**DRUG & CHEMICAL MARKETS**  
 3 Park Place, New York.

## Bids and Proposals

**ANNUAL SUPPLIES**—Bids are wanted until August 20 under class 1, 3, 8 and 10, by the general supply committee, Washington, for miscellaneous supplies as required during the quarter ending December 31, 1925—1,000 gals. linseed oil, 1,360 gals. turpentine.

**PANAMA CIRCULAR 1689**—The general purchasing officer, the Panama Canal, Washington, will open bids Aug. 31, cir. 1689, for calcium chloride, lime.

**MISCELLANEOUS**—Bids are wanted Aug. 20 cir. misc. 7, by the O. M. intermediate depot, Fort Mason, Calif., for 1,500 gals. crude, carbolic acid, 1,550 lbs. chlorinated lime, 75 lbs. graphite.

**PAINTS AND OILS**—Bids are wanted August 25, under cir. 4 by the quartermaster, Washington Barracks, D. C., for 2,000 lbs. white lead, 200 gals. raw linseed oil, 200 gals. turpentine, 100 lbs. putty, 100 lbs. vermilion red, 100 gals. alcohol, 25 lbs. golden ochre and 25 gals. white shellac.

**BENZOL**—The chemical warfare service, Edgewood Arsenal, Md., will open bids Aug. 26, cir. 4, for 1,980 gals. water white benzol.

**CHEMICALS, OIL, ETC.**—Bids are wanted August 19, under cir. 6, by the quartermaster, Fort Eustis, Va., for 2,350 gal's. lubricating oil, 150 lbs. anhydrous ammonia, 5,000 lbs. calcium chloride and 500 lbs. bicarbonate soda.

**OXYGEN AND ACETYLENE**—The purchasing agent, Post Office Department, Washington, will open bids August 19 for oxygen and acetylene as required during the fiscal year 1926.

## Business Opportunities

WOULD like to purchase controlling or substantial interest in an established paint, varnish or chemical concern, that can show a good earning record and offers possibilities of greater development under direction of an executive having considerable sales and manufacturing experience, at present an official of one of the largest concerns in the industry. Answers will be strictly confidential. Box 280, DRUG & CHEMICAL MARKETS.

**CARL KRIENITZ & CO., BERLIN-STEG-LITZ**, wants sole buying or selling agency of American exporting and importing manufacturers. Twenty years trade experience.

**UNDERSIGNED JOBBERS** of Insecticides, fungicides, etc., desire connections with manufacturers and importers of fertilizer chemicals. Rohn & Barg, 192 N. Clark St., Chicago, Ill.

**LOWER OVERHEAD** by contracting with us for your analysis. Research done on contingent basis. "S—Laboratories, Analytical and Consulting Chemists." Box 277, DRUG & CHEMICAL MARKETS.

**BRITISH TRADE REPRESENTATIVE** of British chemical merchants, established over half a century, who has specialized in industrial chemicals, is in the United States and desirous of meeting, for business purposes, principal officers of American chemical manufacturing companies who are interested in extending their sales in Great Britain. Box 267, DRUG & CHEMICAL MARKETS.

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**OFFICE**—Desk room with telephone and stenographic service in pleasant, clean office available August 1st. William Street neighborhood. Reasonable. Box 261, DRUG & CHEMICAL MARKETS.

**FOR SALE**—Brick building, two stories, fire proof construction, 100x40 ft. on railroad siding, Newark district. Box 264, DRUG & CHEMICAL MARKETS.

**WANT TO BUY** a going chemical specialty business. Not interested in formulas or ideas; but prepared to take over an established concern. Box 270, DRUG & CHEMICAL MARKETS.

## Situations Wanted

**CHEMIST**—twelve years experience, gas and coal-tar products. Can run plant. Four years biggest coal-tar manufacturers. Will go anywhere in U. S. Married, 38 years of age. Box 283, Drug & Chemical Markets.

**SALESMAN**—Chemical salesman now connected desires to make new selling association with manufacturer. Desires to travel Central West for reliable house. Now covering this territory. Eight years selling experience in industrial chemical field. Thirty nine years of age, married. Can furnish best of references. Address Box 279, DRUG & CHEMICAL MARKETS.



"The Purity of 20 Mule Team Borax Products is Never Questioned."

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 and  
**BORIC ACID**  
 in all forms

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Synthetic Organic Chemicals  
 Products of Superior Quality

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**MANUFACTURING CHEMISTS**

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## Situations Wanted

**SALESMAN**—Young man, four years experience with chemical importer, desires to make new connection Sept. 1 with reliable firm. Will travel if necessary. Single. Good record. Box 275, Drug & Chemical Markets.

**ALCOHOL SALESMAN**—Man with several years experience in Prohibition Section desires to make sales connection with alcohol manufacturer. Knows the alcohol business and regulations. Box 276, Drug & Chemical Markets.

**SALES AND ADVERTISING MANAGER**—Man with 20 years experience in the toilet goods and proprietary fields as detail man, salesman, office manager, advertising manager, at present connected, desires a new position in the Fall—preferably in the East. Have a proved record of accomplishment and seek a larger field to demonstrate my ability in. Box 273 DRUG & CHEMICAL MARKETS.

## Help Wanted

**SALESMAN**—Well known manufacturer and jobber of industrial chemicals needs a young man, preferably one with some experience and knowledge of the trade, to work inside developing and handling a merchandising department. This is a splendid opportunity for the right person. Box 282, Drug and Chemical Markets.

**WANTED**—Pharmaceutical chemist thoroughly experienced and capable of taking full charge of a Pharmaceutical Laboratory in the middle west. The applicant must be able to give best of references as to ability and character, and to the right man a good future is insured. Address Box 281 DRUG & CHEMICAL MARKETS.

## Help Wanted

**SALESMEN**—Soap manufacturer wants two men to call on industrial trades with chip soap and industrial specialties. Write with experience and salary expected. Box 272, DRUG & CHEMICAL MARKETS.

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**WE BUY FOR SPOT CASH**—odd lots, chemicals, colors, waxes, glues, minerals or allied products. Submit samples and details. Address Box 278, DRUG & CHEMICAL MARKETS.

**CRESOLS ALL SPECIFICATIONS**, also high co-efficient. Pyridine bases, test also high boiling all grades. Regularly for sale. Box 274, DRUG & CHEMICAL MARKETS.

**About 50-60 tons unpulverized China Clay** in Brooklyn warehouse in bulk, bags and casks, must be cleared immediately as warehouse in hands of receiver. Samples on request to Pickfords Colonial, Inc., 115 Broad street, New York.

**VARNISH**—1,200 gallons high quality guaranteed. Sacrificing below manufacturing cost 25 gallon drums 78¢ per gallon. Sample 1 gallon \$1.00 prepaid. American Chemical Products Co., Rochester, N. Y.

## Plant Equipment

**FOR SALE**—40 drums, 110 gal. capacity, black. I.C.C.-5 at \$2.60 each. Also 130-150 gal. drums at \$3.70 F.O.B. Newark plant. Offers subject to prior sale. Condition guaranteed good and fairly clean. Box 268, DRUG & CHEMICAL MARKETS.

## Plant Equipment

**FOR SALE**—26 ft. 3 in. by 4 ft. 10 in. vacuum kettles. 2-Patterson 6 by 5 ft. pebble mills. Day 2 ft. 6 in. by 1 ft. 6 in. ball mill. Elyria enameled evaporating dish. 30 gallon enameled vacuum still. Shriver, Johnson, Sperry iron and wood filter presses all sizes. Send for list of equipment at our warehouse Harrison, New Jersey. The Campbell-Keith Corporation, 30 Church St., New York City.


**FOR SALE**—2 No. 11, 1—No. 23 Devine shelf dryers. 12, 18, 24 and 30 in. wood and iron filter presses. 3—steel 8 ft. 7 in. by 8 ft. kettles with coils and agitator. Kettles, 100 to 400 gallons capacity. Ball mills; 33 by 42 in. 30 by 18 in. Pebble Mills; 2 by 3 ft., 5 by 6 ft. No. 00, No. 0000 Raymond Pulverizers. 3—400 gallon Western mixers. 2—200 gallon Read mixers. 600 gallon Sulphonator. Equipment located at our warehouse, Harrison, N. J. The Campbell Keith Corp., 30 Church Street, New York, Cortlandt 5727-8755.

**GLASS LINED TANKS:** 20 Pfaunder tanks, approximately 9,000 gal. capacity, flanged in four ring sections, fully equipped with adjustable jack supports, intake and outlet valves, practically new condition, guaranteed fully, cost \$2,000; price \$500; 1' same, 5,000 gal. capacity—\$225. Heider Industrial Chemical Co., 116 East Lafayette St., Columbus, Ohio.

## Miscellaneous

**FOR SALE**—Complete files of DRUG & CHEMICAL MARKETS, unbound, \$5.00 a volume.

**ASK THE Bureau of Employment of the Chemists' Club (Agency) 52 East 41st Street, New York City** If you need a chemist (man or woman) for the laboratory or works. If you wish a position for the practice of your profession. No charge to employers. Moderate fee to applicants. Prof. Herbert R. Moody, Chairman Club Committee.



1900 ~ ~ 1925

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of

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for

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*Neutral Yellow*

**For Dyeing**

**Packed in**

**220 lb. Kegs**



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Coal Tar  
Products

IN THE COURSE OF OUR PROCESS

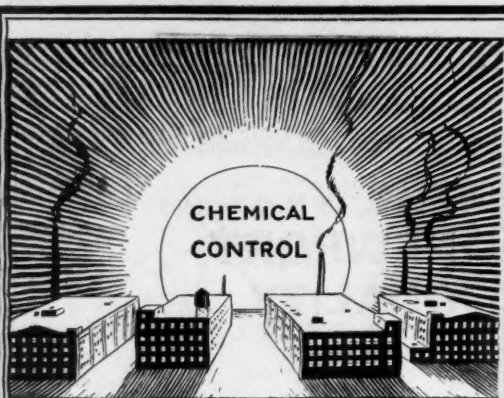
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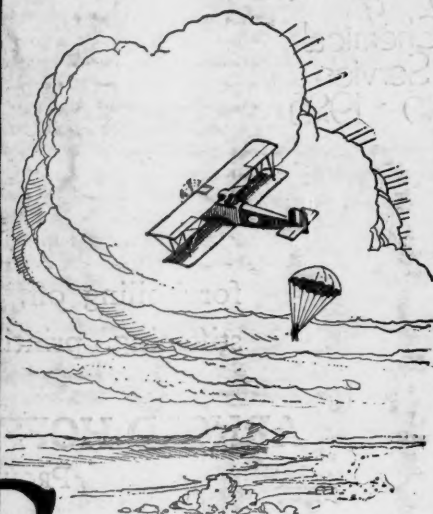
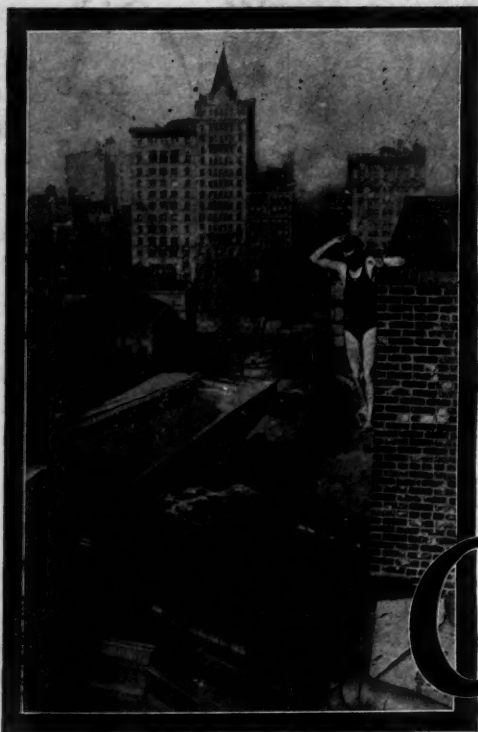
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